



1925
HANDBOOK
OF THE
MASSACHUSETTS
INSTITUTE OF TECHNOLOGY

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To _____

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INSTITUTE CALENDAR

For Academic Year

1925-26

1925

Entrance Examinations at Technology Begin.....	Sept. 16
College Year Begins (First Term Registration Day).....	Sept. 28
Christmas Vacation	Dec. 24-Jan. 3

1926

Last Exercise, First Term	Jan. 23
Midyear Examination Period	Jan. 25-Feb. 6
Second Term Begins (Registration Day).....	Feb. 8
Spring Recess	April 17-21
Last Exercise, Second Term	May 29
Annual Examinations Begin	June 1
Commencement Day.....	June 8

Examinations, College Entrance Examination Board	June 14-19
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Exercises are omitted on the legal holidays of Massachusetts.

GREETING FROM TECHNOLOGY TO NEW STUDENTS

This book will introduce you to many sides of student life at Technology, to its clubs and societies, its press and periodicals, its indoor and outdoor athletics, its activities mental and physical of various kinds; to its customs and regulations; to its organizations for moral and spiritual uplift; to all those interests that when rightly adjusted to your professional work should enable you to round out your student career and develop your manhood.

Placed in the most historic center of learning in America, with traditions of culture and public service going back to the fathers; provided with proud associations attaching to the founders and teachers of Technology; furnished with material equipment that joined to scholarship has brought this institution to the front rank of the educational forces of the world, my hope is that your years spent here may be full of achievement and that they will prepare you for that leadership which this country expects of her privileged and educated men.

To these opportunities with doors swinging wide open to receive you, Technology bids you welcome.

SAMUEL WESLEY STRATTON.



SAMUEL WESLEY STRATTON

*Photo by
Ye Craftsman Studio
Boston*



FACTS ABOUT TECHNOLOGY

March 19, 1913 — Architect, Mr. Welles Bosworth, was chosen.

December, 1913 — Contractors, Stone & Webster authorized to begin.

April, 1914 — First run of cement.

Cost of educational buildings now under construction, approximately five million; as planned, seven million.

Total cost of complete plant as planned, ten million.

Construction of reinforced cement, faced with Bedford Limestone, except on interior courts which are faced with brick.

Practically all the foundation on piles from 15 to 40 ft., 25,000 piles being used.

Single floor area, $3\frac{1}{2}$ acres.

Great court, 360 feet square.

Minor courts, 165 feet square.

Buildings about the minor court, four stories.

Wings about the minor courts, three stories.

Height of library dome, 150 feet.

Area of campus East of Mass. Ave., 50 acres.

Area of campus West of Mass. Ave., 30 acres.

Area for present educational buildings, 12 acres.

Area for future educational buildings, 14 acres.

Area for student portion, Walker Memorial dormitories, etc., 8 acres.

Area of athletic field, 7 acres.

Total grounds, 80 acres.

Entered fall of 1916.

Dedication exercises of new M. I. T., June 12, 13, 14, 1916.

Cornerstone of Walker Memorial laid June 2, 1916.

A HISTORICAL SKETCH

The history of the Massachusetts Institute of Technology is directly associated with the lives of three great men, William Barton Rogers, Francis Amasa Walker, and Richard Cockburn MacLaurin. In 1860 Rogers prepared a memorial asking that certain land in Back Bay be set apart for a polytechnic college; and in the fall of that year the Institute was founded.

When the Institute opened in 1865, there were only fifteen students. President Rogers guided the destinies of the growing school until 1870, when illness compelled his resignation. The decade from 1870 to 1880 was the most critical one in the Institute's history, and but for the heroic devotion of the Faculty and the generosity of a few stalwart friends, the Institute would have had to close its doors. Despite his failing health, President Rogers again undertook the duties of the presidency. Death came to him upon the platform in Huntington Hall while he was addressing the graduating class of '82. In the words of his successor, "All his life he had borne himself faithfully and heroically, and he died in the harness, at his post, and in the very part and act of public duty."

General Walker was inaugurated as president in 1881. During his administration the Institute grew "from a struggling technical school to a great scientific university." In 1897 Walker died, like Rogers, at his post. At the time of his death there were twelve hundred students, but of far more consequence than the mere growth in numbers, was General Walker's influence upon the intellectual and moral tone of the school. His courage, energy, enthusiasm, and aggressive furtherance of the Institute's plan of education, were the main elements in its successful development.

After General Walker's death, Prof. James M. Crafts acted as president for a short period and upon his resignation, in 1900, Dr. Henry S. Pritchett was called to the presidency. Doctor Pritchett had previously been director of the Coast

and Geodetic Survey. During his administration the social activities and physical conditions of the Institute were greatly developed.

In 1905 a plan for affiliation between the Institute and Harvard University was carefully considered, but it was finally decided that each institution should be developed independently along its own characteristic lines. Again in 1908, the matter of consolidation came up because of the McKay fund which was donated for the establishment of a technical school at Harvard, and which it was thought might be used to pay Harvard professors at Technology. The Supreme Court finally decided that any such plan would be a violation of the McKay trust. Consequently, there is no connection whatever between the two institutions except for the School for Public Health Officers, for graduate students.

Doctor Pritchett resigned in 1907, and his place was temporarily filled by Dr. Arthur A. Noyes who was Director of the Laboratories of Physical Chemistry at the Institute. Doctor Noyes held the chair for two years and made notable progress along educational lines.

On November 11, 1908, Prof. Richard C. MacLaurin, of the Department of Physics at Columbia University, was inaugurated as President of the Institute. In the ten years he was associated with the Institute, he succeeded in raising funds for a larger and greater Technology, attained his idealistic vision with the dedication of the new building at Cambridge in 1916, put the Institute at the service of the Government in the time of war, and then labored for an endowment fund which should leave him free to carry out his plans for more perfect organization for usefulness. Worn out by his successful struggle for money, he died on January 15, 1920. To him, more than to any single man, the world owes the new Institute. All Technology holds in sorrow now, and will hold in enduring pride throughout the future, the memory of Doctor MacLaurin, physicist, lawyer, administrator, intimately associated at previous periods in his career with the academic life of three continents,

the self-sacrificing guide of America's greatest scientific school.

After Doctor MacLaurin's death the affairs of the Institute were taken over by a committee of three: Prof. H. P. Talbot, of the Department of Chemistry, as chairman; Prof. E. B. Wilson, of the Department of Physics; and Prof. E. F. Miller, of the Mechanical Engineering Department. Mr. Elihu Thomson, of the General Electric Company, was appointed acting president.

On March 30, 1921, Dr. Ernest Fox Nichols, former president of Dartmouth College, was elected president of Technology. At that time he was Director of the Research Laboratories at Nela Park. In an effort to finish all his work there before he entered his new duties he overworked himself. As a result, on the advice of his physician, he resigned his new post without ever really assuming the leadership of Technology.

After the resignation of Doctor Nichols, the Institute was again under the direction of an Executive Committee headed by Dean Talbot. In December, 1922, Dr. Samuel Wesley Stratton was elected to fill the chair left vacant by Doctor Nichols' resignation. His noteworthy record of achievement as director of the United States Bureau of Standards, which he organized from a small institution to a now internationally famous bureau, augurs well for the Institute's future, and it is confidently expected that Technology, under President Stratton's leadership, will constantly increase its reputation as being America's foremost scientific school. Although assuming office on January 1, Doctor Stratton was not officially inaugurated until June, 1923.

WALKER MEMORIAL

The Walker Memorial is a gift of the Alumni to the undergraduates of Technology to be used as a social and recreational center. It was completed in 1916 at a cost of over half a million dollars, but was only available to the students for a com-

paratively brief period, having been turned over by the Institute to the United States Naval Aviation Detachment of quarters and executive offices.

The building contains offices for student activities, a large dining room, also used for dances, seating 900 people, and three small dining rooms seating 200, 60 and 50 respectively; a library and reading room, a faculty and alumni reading room and two lounge rooms; a large gymnasium with locker room and showers, three handball courts and a boxing room, as well as bowling alleys, pool and billiard tables. On the grounds adjoining the Memorial are two baseball diamonds and eight tennis courts. Recently the Naval Hangar has been equipped as another gymnasium to relieve the congestion in the Walker Gymnasium. In the new gymnasium are a basketball court, a boxing ring, an indoor tennis court, and also a space allotted to the wrestling team. An indoor jumping and vaulting pit and a board track are also part of the Naval Hangar Gymnasium's equipment.

The government of the Walker Memorial and of the Naval Hangar Gymnasium is vested entirely in the hands of a sub-committee of the student governing body. This sub-committee is known as the Walker Memorial and Naval Hangar Gymnasium Committee and is charged with the entire administration of both buildings. Its office is located in the Walker Memorial and any one desiring information in regard to the use of the buildings should apply at the office. Competitions for membership on this committee are held annually during the winter months and are open to all Freshmen.

BOATHOUSE

The M. I. T. Boathouse, originally owned by the B. A. A. was purchased by the Corporation in 1922 and placed at the disposal of the undergraduates for the promotion of interest in rowing. The Building is located on the Charles River, a short distance from the Institute.

The Institute has been constantly increasing the facilities for advancing this sport, so that at present approximately 130 men find a steadily increasing interest in either recreational or competitive rowing.

The facilities, such as showers, lockers, rowing machines, canoes and all kinds of shells are for use by all undergraduates both for those interested in competitive rowing under the M. I. T. A. A. and those interested in individual or recreational rowing.

The Boathouse Committee, a subcommittee of the Institute Committee, has charge of the student administration of the Building and equipment.

CLASS OFFICERS

1926

President	D. A. Shepard
Vice-President	Raymond Mancha
Secretary	A. S. Brookes
Treasurer	E. F. Knight

1927

President	L. E. Bannon
Vice-President	L. F. Baker
Secretary	P. C. Eaton
Treasurer	K. E. Smith

1928

President	H. B. Dean
Vice-President	E. E. Chute
Secretary	I. A. Bullard
Treasurer	D. R. Donovan

ADVICE FOR THE FRESHMEN

1. The colors of Technology are cardinal red and silver gray.

2. The Institute songs and yells are given in this book. Freshmen are expected to know them all. The Stein Song is your Alma Mater song.

3. Do not smoke in the corridors—cigarette butts strewn around do not add to the beauty of the buildings.

4. Know your classmates. They are the ones who will make your stay at the Institute enjoyable and be helpful to you in later life.

5. Lead the strenuous life; athletics and activities welcome you. The Institute is more than a mere workshop; it is a place of opportunity for the development of all that is best in a man. The more you put into it, the more you get out of it.

6. No insignia or numerals other than those awarded by the Advisory Council or M. I. T. A. A. may be worn by undergraduates in the gymnasium or on the Athletic Field.

7. The Walker Memorial is a building for your use and offers not only social advantages, but also eating facilities at a reasonable price. Patronize your college cafeteria and grill-room. The offices of the Student Activities are also in the Walker Memorial Building.

8. Payment of the Student Tax enables you to obtain expert medical advice, free of charge, from the Institute Physician, whose office is in room 3-015.

9. Suitcases, coats, and similar personal effects may be checked free of charge in the basement of Walker Memorial.

10. Do not reserve your room before arriving in Cambridge. The best way to get a good room is to come a few days early, get a list of approved rooms at the T. C. A. and make a personal investigation of various rooms in different localities before making a selection.

11. Technology is one of the hardest engineering schools in the country, but that is no excuse for becoming a grind. Go out for some activity, and follow it up. It will furnish excellent relaxation, as well as giving valuable training and experience.

THE WORDS OF THE PRINCIPAL TECH SONGS

A STEIN SONG

Give a rouse then, in the May-time,
 For a life that knows no fear!
 Turn the night-time into day-time
 With the sunlight of good cheer!
 For it's always fair weather
 When good fellows get together,
 With a stein on the table
 And a good song ringing clear.

Chorus:

For it's always fair weather
 When good fellows get together,
 With a stein on the table
 And a good song ringing clear.

Oh, we're all frank and twenty
 When the spring is in the air;
 And we've faith and hope a-plenty,
 And we've life and love to spare;
 And it's birds of a feather
 When good fellows get together,
 With a stein on the table
 And a heart without a care.

Chorus:

And life slips its tether
 When good fellows get together,
 With a stein on the table
 In the fellowship of spring.

For we know the world is glorious,
 And the goal a golden thing,
 And that God is not censorious
 When His children have their fling:
 And it's birds of a feather
 When good fellows get together
 With a stein on the table
 And a heart without a care.

Chorus;
 And life slips its tether
 When good fellows get together,
 With a stein on the table
 In the fellowship of spring.

When the wind comes up from Cuba,
 And the birds are on the wing,
 And our hearts are patting juba
 To the banjo of the spring,
 Then life slips its tether
 When good fellows get together,
 With a stein on the table
 In the fellowship of spring.

Chorus:
 Then life slips its tether
 When good fellows get together
 With a stein on the table
 In the fellowship of spring.

TAKE ME BACK TO TECH

I wish that I were back again
 At the Tech on Boylston Street,
 Dressed in my dinky uniform,
 So dapper and so neat.
 I'm crazy after Calculus;
 I never had enough,
 It was hard to be dragged away so young;
 It was horribly, awfully tough—
 Oh! give me some 'Ology, 'Ology,
 tra-la-la-la——
 Any old kind of 'Ology,
 Tra-la-la-la-la-la-la-la-la-la.

Chorus:
 Take me back on a special train
 To the glorious Institute—
 I yearn for the inspiration of
 A Technological toot!—
 I'd shun the physical, quizzical Prof.,
 And chapel and all that;—
 But how I would love to go again
 On a Scientific Bat.

Oh, back to the days that were free from
care

In the 'Ology, Varsity shop,
With nothing to do but analyze air
In an aneometrical top;
Or the differentiation
Of the trigonometric powers
Of the constant pi that made me sigh
In those happy days of ours.

'Rah for TECHNOLOGY!

'OLOGY, 'Ology, oh———

Glorious old TECHNOLOGY!

'Ology, 'Ology, 'Ology, 'Ology.

M-a-S-s-A-c-H-u-S-e-T-t-s

I-n-S-t-I-t-U-t-E o-F t-E-

C-h-N-o-L-o-G, and Y comes after G.

Massachusetts Institute of Technolo-gee

'Rah for TECHNOLOGY!

'OLOGY, 'Ology, oh———

Glorious old TECHNOLOGY!

'Ology, 'Ology, 'Ology, 'Ology.

TECH IS HELL

WE ARE HAPPY—TECH IS HELL

T-E-C-H-N-O-L-

O-G-Y TECHNOLOGY!

TECHNOLOGY!

TECHNOLOGY!

TEAM!

TEAM!

TEAM!

THE TECH CHEER

M. I. T. Rah! Rah! Rah!

M. I. T. Rah! Rah! Rah!

M. I. T. Rah! Rah! Rah!

Technology! Technology! Technology!

THE CARDINAL AND THE GRAY

The team is out, all sing and shout,
We'll show them how to win.
The men are strong, the battle long,
And now they're digging in.
So shout and cheer and let them hear
That Tech is with them now.
Cheer Tech—Cheer Tech—Cheer for victory.

CHORUS:

Three cheers for Tech—Our lay will surely win the
day;
All shout and sing for the Cardinal and the Gray.
With every "T" let your voice and spirit be,
Fight with all your might and give to Tech the
victory.
Rah, Rah, Rah—Three Cheers for Tech—
Our lay will surely win the day.
All shout and sing for the Cardinal and the Gray.
With every "T" let your spirit be.
Fight with all your might, and give to Tech the
victory.

When Tech is out we all will shout,
And loudly we will cheer.
Our colors high, we all will fly,
Our voices all will hear,
For Tech is best and all the rest
Cheer Tech—Cheer Tech—Cheer for the victory.

RETROSPECTION

For Optimists and Pessimists

Air: Auld Lang Syne.

Oh TECH as I look back to thee
 My eyes are filled with tears:
 I'll ne'er forget the place in which
 I spent such { happy
 wretched years }

And as I look upon my life
 { With fortune at my beck }
 { Which is a total wreck }

I { bless with all my heart and soul the day }
 { wish that I'd been sent to jail, before }
 I entered TECH.

The old professors { kind and good }
 { sour and cross }

To whom I did recite,

How { grieved } they'd be when I would fail,
 { pleased }

How { glad } when I'd be right.
 { sad }

And as I look (etc.)

The Faculty, their { kindly note }
 { cursed vote }

With { joy the fact did state }
 { pain I did receive, }

Informing me in { friendly } tones
 { gleeful }

That I would { graduate. }
 { have to leave. }

And as I look (etc.)

The things I studied while at TECH

{ How useful they have been! }
 { Such useless, foolish truck! }

I've used this knowledge { many times }
 { just two times }

{ My way in life to win. }
 { And each time I got stuck. }

And as I look (etc.)

UNDERGRADUATE ACTIVITIES

If you come to Tech with the preconceived notion that all you are expected to do is study, get it out of your head as soon as possible. You will have to study and study hard. But remember that the grind rarely makes the good engineer. Go out for activities and thereby serve Tech and enrich your own college life. As soon as you enter Tech in the fall start to get a line on the various activities. Choose some one, or possibly two, for which you feel yourself especially fitted, either through liking or natural ability and, **stick to them**. Avoid scattering your efforts over too many, else you are likely to lose out altogether.

Below will be found short articles on most of the important activities.

FIELD DAY

During the past twenty years the athletic leadership of the two lower classes has been determined by athletic contests held at FIELD DAY. This does away with the old cane rushes and fight between the freshmen and the sophomores and in their place substitutes a sporting proposition that has proved most successful.

For the freshmen, Field Day is more than a contest against the sophomores, as it is the beginning of their lives in activities at the Institute. Make your start a success and your career as a live man is assured. It is here that the majority of your acquaintances begin from which your best friends are formed. Don't miss the opportunity of being one to help engrave the numerals of your class on the Field Day Cup!

Field Day consists of four parts: a football game, a crew race, a relay race, and a tug-of-war. Football counts five points, the relay race and the crew race each count three points, and the tug-of-war two, the class winning the greatest number of points being the winner. As the contests are held in the early part of November it means that the winners must show some pep in getting their practice started. Coaches and supervising managers are furnished by the upper classes, the juniors being the sponsors for the freshmen and the seniors for the sophomores.

M. I. T. ATHLETIC ASSOCIATION RECORDS

Event	Record	Holder	Year
100-yard dash	10 1-5 s.	R. S. Franklin	1903
		C. W. Loomis	1915
		T. W. Bossert	1918
		W. Rollins.....	1919
		T. P. Spitz	1921
220 with turn	22 s	C. W. Gram	1909
220-yard straight	22 s	C. W. Gram	1909
		D. P. Jeppe	1924
440-yard run	50 s	D. P. Jeppe	1924
880-yard run	1 m. 55 s.	G. J. Leness	1925
1-mile run	4 m. 24 4-5 s.	R. G. Brown.....	1915
2-mile run	9 m. 35 4-5 s.	F. L. Cook	1915
120-yard hurdles.....	15 4-5 s.	H. G. Steinbrenner	1925
220-yard hurdles.....	24 1-5 s.	H. G. Steinbrenner	1925
Shot put.....	42 ft. 1-4 in.	F. H. Leslie	1914
Hammer throw.....	158 ft. 6 in.	C. G. Dandrow....	1921
Discus throw.....	127 ft. 1-2 in.	W. D. Pinkham ..	1921
High jump.....	6 ft. 1-2 in.	C. D. Heywood ..	1893
Broad jump	22 ft. 7 1-4 in.	C. S. Reed.....	1916
Javelin	172 ft. 11 in.	T. F. Garrard.....	1924
Pole vault.....	12 ft. 9 in.	L. M. Sanford	1925

M. I. T. ATHLETIC ASSOCIATION

The M. I. T. A. A. consists of the captains and managers of recognized athletic teams at the Institute, together with the Publicity Manager, and the three undergraduate members of the Advisory Council on Athletics.

Its object is to promote and supervise athletic interests at Technology.

The managers and assistant managers of all athletic teams are elected by the Athletic Association and are directly responsible to that body.

The M. I. T. A. A. passes upon the expenditures of all the team managers, and officers, awards all class numerals, and passes upon and recommends all other Insignia rewards to the Advisory Council on Athletics, which awards them.

THE TRACK TEAM

Track is the Institute's only major sport, and is one of the reasons why it is possible to maintain a squad of nearly two hundred athletes throughout the year. Training commences upon the opening of school in the fall for the cross country and Field Day relay teams. After November 1, track work may be substituted for Freshman Physical Training.

During the winter season Varsity and freshman relay teams as well as a number of individuals participate in many of the indoor meetings including the K. of C., B. A. A., American Legion, N. E. A. A. U., Millrose (New York), and I. C. A. A. A. A. (New York) games. The freshman team competes in all the Boston meets and in addition holds dual meets with Phillips-Andover Academy (Andover), and Worcester Academy (Worcester). A relay carnival was held last year with Harvard also.

The dual meets in the spring are preceded by the Annual Interclass Meet. Last year the Varsity schedule included meets with Princeton (Princeton), Harvard (Tech Field), Cornell, (Ithaca), N. E. I. C. A. A. (Tech Field), and the

I. C. A. A. A. A. (Philadelphia). The freshman schedule included meets with Northeastern University Freshmen, Phillips-Andover Academy (Andover), Phillips-Exeter Academy (Exeter), and Brown University Freshmen. In addition to the regular schedules, ten Handicap meets are held annually as well as a few novice meets with outside organizations so that every member of the squad is able to gain experience in actual competition regardless of his ability.

Technology has won permanent possession of the N. E. I. C. A. A. cup by winning five out of eight annual meets and has produced not a few Intercollegiate champions. This success has been due largely to the interest shown in Track by the undergraduate body.

For those not athletically inclined, there is excellent opportunity for business training in the competition for the position of Manager of Track. This competition lasts two full years and develops qualities of personality, executive ability, resourcefulness, and initiative.

CROSS COUNTRY

Cross Country is one of Technology's leading fall sports. It offers a remarkable opportunity for healthful energetic recreation directed towards the benefit of the individual and Technology's athletics.

The 1924 Varsity season resulted in close defeats by Holy Cross, Harvard and Princeton. The team did not run in the N. E. I. C. A. A. meet but placed 12th in the I. C. A. A. A. A. meet.

The Freshman team culminated a very successful season by placing third in the I. C. A. A. A. A. run.

CREW

The aim of Crew has always been to benefit as many men as possible by giving large numbers of men enough coaching to row with correct form rather than to concentrate the efforts of the coach on one or two of the crews. In the past two years with Coach William Haines two varsity, two

150-lb. varsity, and three Freshmen crews were developed into good crews of recognized ability and standing in the rowing world.

In the fall, the Freshmen and Sophomores practiced in preparation for the Field Day races which occur on the first Friday in November. Very keen rivalry exists in this Field Day event. The second crew race is held as a preliminary to the first race. The winning first crew and its manager are awarded numerals. Following Field Day the class crew races are held. The winning class crew receives a pennant presented by Dr. A. W. Rowe as well as its numerals. By means of these additional races more men receive attention.

Last fall, the Varsity squad practiced faithfully until late in November. The 150 Varsity Squad was organized after Field Day and practiced until the weather drove them from the river. A dinner was held in January for the purpose of getting the men together in preparation for the work on the rowing machines. All competitive crews practiced on the machines until the ice was out of the river.

The spring season was a very satisfactory one. The Varsity decisively defeated Columbia by four lengths on the Harlem. In the quadrangular race on the Charles between Harvard, Cornell, Pennsylvania and Tech, they defeated Cornell for the second successive year. The usual trip to Annapolis during Junior Week was made by the Varsity and 150-lb. Varsity. Both crews were defeated by the heavier middies. The following week the 150 lb. Varsity defeated Princeton on Lake Carnegie by one length. The last event of their season was the Harvard race which was won by Harvard. The Junior Varsity twice defeated the Union Boat Club and came in in third place in the quadrangular race with Cornell two lengths behind. They were beaten by Syracuse and Columbia on the Harlem. The first Freshman crew lost to Kent and Groton in their prep school races. They finished third in the quadrangular race with Cornell once again in fourth place. The Second Freshman and 150-lb. Freshman Crews defeated Huntington and Stone Schools. The Second Freshman won by three

lengths from Harvard while the 150-lb. Freshman lost by a length. The season was terminated by the Richards Cup Race between the class crews.

There are six places open to the Freshmen in the management, the awards being made after a short fall competition, and final selection of three being made in the spring. Two of these three compete through their Sophomore year, after which one is selected manager. The third man becomes manager of the Sophomore Field Day crew.

SWIMMING

The Swimming Team has had a commendable record in the last eight years. It has not always been a consistent winner but the calibre of the teams which it meets is exceptionally good and it is the policy to meet strong teams with a possible defeat rather than weaker teams with a certain victory. The season consists of about eight dual meets with college teams in the East, including Yale, Dartmouth, Brown, West Point, Annapolis, Wesleyan, Amherst, and Williams, and the New England Intercollegiate Swimming Championships.

The past season was conducted in the nature of a trial, to ascertain what success would be gained by making swimming an all-year sport. The evident success of this has permanently established a sport that candidates can devote the full year to. The first call for Varsity men will be made directly after the opening of the fall term and the freshman candidates will be organized immediately after Field Day. Previous experience is by no means necessary, for some of Technology's best swimmers, divers, and plungers have developed from inexperienced men. Each candidate is given individual attention by the coach in his own event. Practice will be held at the local Y. M. C. A. three times each week.

The freshman team has a schedule of eight or nine meets with the leading preparatory school and college freshman teams of New England. Swimming may be substituted for the required gymnasium work during the entire school year or for either term.

WRESTLING

Wrestling, one of the oldest, has now become one of the most important sports at the Institute. Last year the team carried out a fairly successful schedule, meeting some of the strongest teams in the East. During the season, trips were made to West Point, Yale, Brown, and Lehigh, while Northeastern University, Tufts, Norwich, Syracuse University, and Harvard were met at home. A strong schedule has been planned for this coming season which should prove very interesting. On the Varsity squad there will be room for a great number of new men since many of last year's veterans have been lost through graduation. The season closes with the New England Intercollegiate Meet at which Technology carried off the honors both in 1923 and 1924. Competition is here offered for a second team since at the Intercollegiates a meet is held between the second teams of the various colleges.

Not only to the upper-classman but to the first year man wrestling offers a variety of opportunities. The substitution of this sport for the regular gymnasium work has proved very popular with the Freshmen for a number of years. It is not only enjoyable exercise but is of great assistance to an all round physical development. A regular Freshman team is formed, the schedule of which includes several trips and home meets with Prep school teams and Freshman teams of other colleges. In the managerial division there are places for several Freshman assistants. This work is both interesting and helpful in the business training which it offers.

Technology is particularly fortunate in having as instructor, "Cyclone Burns," the well-known professional, who has so successfully coached the team for the past few seasons. It is absolutely unnecessary that the men shall have had previous experience, as the coach gives individual instruction to all men. Numerals are awarded to the Freshman team and wTt's to the varsity. Last year one member of the varsity team earned a straight T for exceptional performance.

THE GYM TEAM

Gym is steadily increasing in popularity as a college sport and especially so at Technology. The success of the past four years makes it apparent that Technology's Gym Team ranks high among college teams. Last year was the most successful season and there is every prospect for greater success during the coming season and several trips are being planned. Last year's schedule included meets with Harvard, Yale, Princeton, Navy, Dartmouth and U. of P. Four exhibitions were given during the year and men were sent to the Intercollegiate Meet at Annapolis. Practice starts after Field Day and may be substituted for Physical Training. Experience is not necessary.

Three positions on the management are open to Freshmen. Competition starts after Field Day.

BOXING

Boxing, although one of the Institute's youngest sports, has, in the four years since its establishment, become one of our most popular forms of athletics. Last season's Varsity and Freshman teams gave very creditable exhibitions and the successful candidates were awarded their insignia. Under Coach Ralston, the candidate for boxing will get an excellent opportunity to develop and quicken his mind and body and will find boxing a real man's sport. Freshman candidates for Boxing are excused from the compulsory Freshman Physical Training. Freshmen are eligible to compete for the position of second assistant manager, with the possibility of becoming manager in their Junior year.

TENNIS

Last spring's Varsity schedule included matches with Yale, Princeton, Dartmouth, Boston College, Williams, Brown, Wesleyan, Stevens, Boston University, and Harvard Business School. The season was quite successful. Freshman teams

are always a source of material for the Varsity and mean much to the team. Freshman teams play Exeter, Andover, and other preparatory schools, as well as freshman teams from other colleges. In the fall an intramural tournament is held, the winner being awarded a tTt, as well as having his name inscribed on the Tennis Cup. He also receives a replica of this cup. Outside of its intramural character this tournament serves as a size-up of the Varsity material for the spring.

THE RIFLE TEAM

The range facilities provided at the Institute are excellent and rifle shooting is one of the coming winter sports at Technology. Last year the Varsity Team competed in twenty-three dual matches, in a shoulder to shoulder match against eleven other eastern college teams at New York City and in the National Rifle Association Intercollegiate Championships. The team belongs to the Northeastern Intercollegiate Rifle League which is composed of the best college teams in the northeastern section of the country. The dual matches included teams of many of the well-known colleges, Harvard, Yale, Princeton, University of Pennsylvania, Georgetown, Iowa State and University of Washington, being on the schedule. The Freshman team under the direction of the R. O. T. C. had a similar schedule against the best freshman and preparatory school teams in the country.

Institute insignia are awarded to members of the Varsity and R. O. T. C. insignia to the members of the freshman team. Competition for positions on the managing staff is open to all freshmen and sophomores beginning soon after Field Day and continuing till the close of the season, sometime in April.

ASSOCIATION FOOTBALL

Association Football (Soccer), although comparatively new at the Institute, is now firmly established at Technology as a minor sport, and

the fourth season has an extremely promising outlook. The varsity schedule includes Dartmouth, Harvard, Amherst, Clark, and Springfield Y. M. C. A. College. The freshmen will play Worcester, Andover, and several other teams. Varsity men are awarded a minor sport letter and freshmen their numerals. It may be substituted for the required gym work.

BASKET-BALL

Basket-ball is a very popular winter sport at the Institute, and consists of Varsity and Freshman squads under competent coaches, as well as an extensive and enthusiastic inter-fraternity league. For the Varsity team, trips to New York, West Point, and other cities are arranged, and the Freshman team plays the foremost preparatory schools in this vicinity. The men on the Varsity team are awarded the "bTb" and the Freshmen their class numerals. Basket-ball, being a winter sport, is also an excellent opportunity for track and crew men to keep in condition, and for Freshmen to get proper training for the Varsity team, as well as to be excused from the required physical training.

FENCING

Last year the team fenced Harvard, Yale, Navy, Dartmouth, Syracuse and Bowdoin. The results of these meets showed the great possibilities for the coming year. New coaching arrangements were made by which we secured the services of Coach Danguy for nearly twice the number of hours he formerly allotted to our fencers. A Freshman team was organized and a schedule calling for meets with various high schools and prep schools was arranged. This year we are planning to organize a junior varsity team.

Work includes practice in the foils, the epee and the sabre. Freshmen may substitute fencing for the required physical training and earn class numerals. Freshmen may compete for positions on the managing staff by leaving their names in A. A. office directly after the opening of school.

HOCKEY

The man interested in sports will find in Hockey a most attractive proposition. The varsity schedule includes games with Harvard, Dartmouth, West Point, Cornell, Hamilton and many others. During the season the team takes several trips. A professional of high standing is engaged to coach both Varsity and Freshman teams. Practices and games are held on both outdoor and indoor rinks which affords an excellent opportunity for development.

An attractive freshman schedule is arranged with Andover, Exeter, and other New England teams. The freshmen are enabled to learn the game in preparation for the Varsity in coming years, while at the same time they may earn their class numerals. The competition for managerial positions is open to all Freshmen. Two Sophomore assistants are appointed and from these the manager is selected the following year.

Hockey offers an opportunity for physical development, for the winning of the Institute Insignia and for a better understanding of one of the most exciting and enjoyable winter sports.

THE CALUMET CLUB

The Calumet Club was organized in 1922 to replace the Technology Athletic Club. Its membership is open to any member of the undergraduate body, faculty, or alumni. The chief aims of the Calumet Club are to further the athletic spirit and activities at the Institute, and to provide the hospitality of the Institute for visiting teams. During the athletic seasons frequent rallies, for the purpose of giving the different athletic teams a send off to victory, are held in the Main Hall under the auspices of the Calumet Club.

THE TECH

The Tech has been the Official Undergraduate Newspaper of Technology since its foundation in 1881. Its object is to present to the undergraduates, faculty, and alumni all of the news of the Institute in as interesting a manner as is possible, and at the same time, to furnish a medium for the expression of public opinion, through its editorial and communications columns.

The paper is published on Mondays, Wednesdays, and Fridays throughout the school year, with special pictorial supplements at intervals. Special editions are issued on the occasion of unusual events, such as the Junior Prom or Field Day.

For the man interested in activities, *The Tech* offers a wide and varied field, making use of approximately seventy-five men in its News and Business Divisions. The former covers work as reporters, as editors in the actual work of getting the paper ready for the press, in editorial writing, and in photographic and art work. The Business Division handles the selling of the advertising, the work of the Treasury Department, and of the circulation department.

Candidates for any department are welcome at the offices of the paper at any time, but regular competitions are run during the first weeks of each term. The one held in the fall term is started very soon after the opening of the year, and is designed primarily for freshmen.

The Tech is run with the intention of giving the men working on it the maximum amount of enjoyment, and at the same time to give them practical experience that will be extremely valuable in after life, regardless of the profession they intend to follow.

TECHNIQUE

Technique is the year book of the Institute and forms a permanent record of all the notable events of the Institute year, including a record of sports, activities, publications, etc., and also a portfolio consisting of a photograph and activity record of each member of the graduating class.

The book is published by a Senior Managing Board and a Junior Board. The Senior Board is composed of Seniors and includes the following positions: General Manager, Business Manager, and Managing Editor. The Junior Board, composed of Juniors, includes the following positions: Advertising Manager, Treasurer, Publicity Manager, Photographic Manager, Literary Editor, Department's Editor, Art Editor, and Features Editor. There is also a staff of Sophomores and Freshmen. Until their election to the staff, men who come out for the book are listed as competitors.

All Board positions are filled by election from the staff. Competitions are opened for Freshmen and Sophomores very shortly after the opening of school in the fall. The positions on the staff, especially in the business end, offer excellent experience and valuable training. One gets to know men outside his usual sphere of life and learns the many fascinating details of the art of printing. The book is first distributed at the Technique Rush, the first event of Junior Week, and at this time the new Board, chosen from the competitors, is also announced. Twenty copies of the book, autographed by the President of the Institute, are given to the winners of the Rush.

VOO DOO

Voo Doo is Technology's monthly humorous publication. During its five years of existence it has grown to be recognized as one of the "big five" among college comics. The management consists of an art department, a literary department, and a business department. Elections to staff and managing board positions are made in April, following a six months' competition in all departments.

Voo Doo offers an unusually broad field of activity for those connected with it. Artistic, editorial, humorous, and business ability all find a place on the publication, and the diversity of interest makes the work interesting and valuable. Any undergraduate is eligible for election to the offices on the management and staff. All competitions lead directly to positions of considerable responsibility for capable men.

THE TECH ENGINEERING NEWS

The Tech Engineering News is the professional journal of the undergraduates of the Massachusetts Institute of Technology and is the only publication of such a nature at the Institute. It is published monthly throughout the school year by the undergraduates and contains articles of interest to the undergraduates of this institution, to the alumni and others who have a community of interest with them. The *News* aims to supply for the undergraduates what trade papers supply for the engineer. It also aims to promote closer co-operation between the undergraduates, the alumni and their two fields of interest, the Institute and the world of industry.

The Business Department, consisting of advertising and circulation, offers opportunities in advertising, sales promotion, salesmanship, interviewing and accounting. Valuable training in office management and organization is obtained due to the fact that *T. E. N.* has made special study of this. The Office Manual is a textbook of the office organization and contains the major characteristics of any practical treatise on this subject.

In the Editorial Department there are opportunities for an insight into the professional and technical sides of engineering. The articles are written by prominent men in their respective fields and in securing these articles, men in the Editorial Department get valuable experience and contact. This department has editors, associate editors, news department, pictorial department and various assistant editors handling one particular line of work. The technical details of publication can also be learned in this division.

The Tech Engineering News is the founder of the Engineering College Magazines Associated, which is an association of twenty-one engineering magazines of the largest technical schools in the country and it furnishes advertising, news and articles for the whole group. Through E. C. M. A., *The Tech Engineering News* offers chances in an activity that is national in scope. Two or three men are sent every year to an E. C. M. A. convention.

As the Institute is a professional school and the *Engineering News* is the professional journal, it offers unusual opportunities as an activity and as training for the work that most of the men will go into. It is an activity which is a profession. Elections to the staff are made after open competition starting after the opening of the term. The office in the basement of Walker, just back of the T. C. A., is always open. All who are interested are welcome.

TECH HANDBOOK

This booklet is published annually for the benefit of freshmen and transfers and is distributed at the opening of the fall term. It is intended to acquaint students more thoroughly with Technology and its student activities, to help them to acquire the true Technology spirit, and to provide them with a compact pocket source of information. It is given free of charge to all new men, and those remaining of the 2,000 copies are given upon request to old men.

Competition for the business and editorial staffs starts with the second term. The editorial work furnishes an excellent opportunity to become thoroughly acquainted with Technology's activities, while the business work is a very valuable and interesting experience.

TECH SHOW

The Tech Show, which is produced each year and played before the undergraduates during Junior Week, is a musical comedy written, staged, acted, and orchestrated entirely by undergraduates. Over one hundred students, all of whom go on the trip, take part in its production each year. The itinerary of Tech Show 1925 included Boston, New York, Hartford, Northampton, and Somerville. The profits from the Show are put into the reserve fund to aid in the financing of future shows.

Tech Show is one of the large college activities managed entirely by undergraduates. Competitions for positions on the management are started early in the fall, and all Sophomores and Freshmen

are invited to come out. The actual production of the play begins immediately after the Tech Show Smoker, which is held during November. At this time a call for candidates for the cast, chorus, and ballet is issued. Competitions for lyrics, music, and program and score covers are held during the first term. The scenery and costumes also designed by undergraduates are chosen by competition and as a result, the most modern ideas in staging and production are presented each year.

Under Tech Show management is the Show orchestra with a membership of about twenty men. A professional director is employed to coach the orchestra and to conduct the music during the performances.

Tech Show offers the student the greatest variety of opportunities of any activity at the Institute and invites any man who may be interested to drop in at the Show office and talk it over in more detail.

DEBATING TEAM

Excellent opportunities are offered for development of proficiency along forensic lines by the activities of the debating teams. Interest in the debating teams is steadily increasing at the Institute and contests are arranged with some of the leading Universities in the East. During the past season our schedule included Oregon University, Dartmouth, University of Maine, and Union College. With the growing interest in this activity which was evidenced throughout the past year, there is reason to believe that next season will see Tech come to the fore in an activity which is generally believed to be outside the scope of a technical school.

Experience is not necessary and those who show a willingness to work, regardless of aptitude, are given much individual attention. If you want, then, an activity from which you get great personal benefit, and at the same time enhance the good name of Technology, be sure and report at room 2-130 any day after the opening of the Institute.

COMBINED MUSICAL CLUBS

The Combined Musical Clubs of the Institute consist of the Glee, Mandolin and Banjo Clubs, and a dance orchestra known as "The Tectonians." This will be the thirty-seventh season since the separate clubs were united into one organization, with the exception of "The Tectonians." The latter have prospered remarkably well within the last four years, so that it now ranks as one of the best college orchestras in this section of the country.

The personnel of the Musical Clubs generally averages about eighty men. When the final cuts are made there are about thirty men retained on each of the clubs and about twelve on the orchestra. Many men are versatile enough to appear in two or more of the separate clubs. The requirements for admission to the various clubs are simply that the candidate must be a member of the Institute, and must have some ability along musical lines. There is a wonderful opportunity for specialty acts, such as musical solos, or anything new and unusual. The date and time for the first try-outs will appear on the bulletin boards during the first week of school, or it may be ascertained by a personal interview with the management in their office in room 310 in the Walker Memorial.

The management consists of a senior position known as General Manager, four junior positions known as Publicity Manager, Stage Manager, Business Manager and Treasurer, eight sophomore positions known as assistant managers and any number of freshmen who are known as competitors. Competitions for these positions are open in the fall and continue until the middle of the spring term.

The Musical Clubs offer perhaps the best times and best opportunities to make acquaintance in all ranks of business and social life, of any undergraduate activity. Fifteen local concerts are given during the school year, the majority of which are at the various girls' schools around Boston. Then

there is the Christmas trip, which offers excellent chances to put the name of M. I. T. favorably before thousands of strangers. The usual trip was not taken in the past year in hopes of building up the finances sufficiently to stand the strain of a little longer and better trip than previous, although in past years the clubs have gone as far west as Chicago, and, of course, stopped to perform at all the large cities on the way.

Besides all this, are the three best college social events of the year, the Fall, Winter, and Spring Concerts and Dances. The first is held in the Main Hall of Walker during the first term, and the Winter Concert is held usually at the Hotel Somerset during the second term, while the Spring Concert is one of the big affairs of Junior Week. For the past two years the Musical Clubs of Tech and Dartmouth have given a combined concert and dance which has been held at the Hotel Somerset. It is one of the largest social events for Boston society and bids fair to be repeated every year hereafter as an intercollegiate affair.

The clubs also broadcast entirely one special concert during the year, and the extent and importance of such publicity gained for the Institute can hardly be estimated. If you want, then, an activity from which you get personal enjoyment, and at the same time, enhance the good name of Technology, be sure and be at the first meetings and rehearsals.

CLEOFAN

Cleofan is a social club including all women students at Technology. Its purpose is to help women students to become better acquainted and to provide activities. All new women students at Technology will be given a cordial welcome by Cleofan at the Margaret Cheney Room (10-300) on the third floor of the main building, will be shown the "ins and outs" of the Institute, and made to feel at home.

HONORARY SOCIETIES

Osiris	Stylus
The Beaver	Baton
Walker Club	Scarab Fraternity
Masque	Freize and Cornice
K ₂ S	Triglyph
Phi Delta Epsilon	Vectors
Tau Beta Pi	Hexalpha
Theta Tau	Sigma Alpha Beta
Papyrus	The Colonels
Woopgaroo	Alpha Chi Sigma

CLUBS

Latin American Club
 Cosmopolitan Club
 M. I. T. Post Army Ordinance Association
 M. I. T. Post Society of American Military
 Engineers
 Catholic Club
 M. I. T. Radio Society
 Cleofan
 Chauncy Hall Club
 M. I. T. Chinese Students' Club
 British Empire Club
 Rifle Club
 Chess Club
 Menorah Society
 M. I. T. Chapter Unitarian Laymen's Club
 Phi Delta Theta Alumni Club of M. I. T.
 New York Club
 California Club
 Norwegian Club
 Math Club

PROFESSIONAL SOCIETIES

Civil Engineering Society
 Mechanical Engineering Society
 Chemical Society
 M. I. T. Branch, American Institute of Electrical
 Engineers
 Corporation XV
 Aeronautical Engineering Society
 Mining Engineering Society
 Architectural Society
 Naval Architectural Society
 Combined Professional Societies

FRATERNITIES

- Alpha Tau Omega, 37 Bay State Rd., Boston.
Phone: B. B. 3137.
- Alpha Mu Sigma.
- Beta Theta Pi, 106 Sewall Ave., Brookline. Phone
Reg. 7710.
- Chi Phi, 44 The Fenway, Boston. Phone: Ken-
more 4187.
- Delta Kappa Epsilon, 410 Memorial Drive,
Cambridge.
- Delta Psi, 428 Memorial Drive, Cambridge.
Phone: Univ. 5667.
- Delta Tau Delta, 255 St. Paul St., Brookline.
Phone: Reg. 8172.
- Delta Upsilon, 526 Beacon St., Boston. Phone:
B. B. 4375.
- Kappa Eta Kappa, 485 Beacon St., Boston.
Phone: Call information.
- Kappa Sigma, 33 Bay State Rd., Boston. Phone:
B. B. 1568.
- Lambda Chi Alpha, 463 Commonwealth Ave.,
Boston. Phone: B. B. 7179.
- Lambda Phi, 493 Commonwealth Ave., Boston.
Phone: Kenmore 3839.
- Phi Beta Delta, 535 Newbury St., Boston. Phone:
B. B. 4317.
- Phi Beta Epsilon, 400 Memorial Drive, Cam-
bridge. Phone: Univ. 2341.
- Phi Beta Mu.
- Phi Gamma Delta, 28 The Fenway, Boston.
Phone: B. B. 5921 and B. B. 8591.
- Phi Kappa, 349 Commonwealth Ave., Boston.
Phone: B. B. 8468.
- Phi Kappa Sigma, 530 Beacon St., Boston. Phone:
B. B. 1369 and B. B. 4464.
- Phi Mu Delta, 354 Commonwealth Ave., Boston.
Phone: B. B. 4291.
- Phi Sigma Delta, 234 Pleasant St., Brookline.
Phone: Reg. 2010-R.
- Phi Sigma Kappa, 487 Commonwealth Ave.,
Boston. Phone: B. B. 4565.
- Phi Lambda Alpha, 39 Lanark Rd., Brookline.
Phone: Reg. 6588.
- Psi Delta, 459 Beacon St., Boston. Phone: B. B.
2966.

- Sigma Alpha Epsilon, 484 Beacon St., Boston.
Phone: B. B. 1935 and B. B. 3560.
- Sigma Alpha Mu, 188 Bay State Rd., Boston.
Phone: B. B. 2136.
- Sigma Chi, 532 Beacon St., Boston. Phone: B. B. 4057.
- Sigma Nu, 259 St. Paul St., Brookline. Phone: Reg. 5066.
- Sigma Omega Psi.
- Tau Delta Phi, 38 The Fenway, Boston. Phone: B. B. 2969.
- Tau Epsilon Phi, 180 Naples Rd., Brookline. Phone: Reg. 8311.
- Theta Chi, 528 Beacon St., Boston. Phone: Kenmore 3249.
- Theta Delta Chi, 334 Harvard St., Cambridge. Phone: Univ. 2966.
- Theta Xi, 465 Commonwealth Ave., Boston. Phone: B. B. 5907.
- Zeta Beta Tau, 172 Bay State Rd., Boston. Phone: B. B. 10325.

T. C. A. ORGANIZATION

1925-26

Advisory Board

- | | |
|------------------------------------|--------------------|
| P. R. Ziegler '00, <i>Chairman</i> | H. L. Bowman '14 |
| H. S. Ford, <i>Treasurer</i> | L. F. Hamilton '14 |
| Hale Sutherland '11 | T. D. Perry '00 |
| H. P. Talbot '85 | |

Officers and Executive Committee

- President*, John H. Wills, '26
- Vice-President*, Donald C. Hooper, '26
- Treasurer*, James S. Moon, '26
- Cabinet Representative*, Ralph W. Head, '26
- Secretaries*, Wallace M. Ross, Claude C. Shotts

Departments and Divisions

1. *Religious Service*, Ralph W. Head, '26
 - (a) Bible Study, F. W. Schreiner, '26
 - (b) Meetings, George J. Leness, '26
 - (c) Church Relations, Elwood A. Church, '27
2. *Social Service*, William D. Birch, '27
 - (a) Boy's work, Arthur J. Brockelman, '26
 - (b) Social, James M. White, '28
 - (c) Deputations, Ezra F. Stevens, '27
3. *Personal Welfare Service*, Walter F. Blake, '27
 - (a) Foreign Students, H. Richard Arf, '28
 - (b) Industrial Service, Edward Hartshorne, '28
 - (c) Freshman Advisers, Wm. P. Hinckley, '26.
4. *Student Service*, Willis C. Luce, '26
 - (a) Room Registry, E. R. deLuccia, '27
 - (b) Book Exchange, John L. Barnes, '28
5. *Information Service*, Ralph E. Smith, '26
 - (a) Information, Gordon L. Calderwood, '27
 - (b) Publicity, William H. Taylor, '26
 - (c) Blotter, George F. Brousseau, '26
6. *Employment Bureau*, Grant G. Speer, Jr., '26
 - (a) Manager office work, William Goodridge, '26
 - (b) Manager personnel, Kenneth A. Smith, '27
7. *Handbook*, William H. Adams, Jr., '25, General Manager
 - (a) Managing Editor, Gilbert L. Delugach, '25
 - (b) Business Manager, Sidney Gerbert, '27

Purpose

The Technology Christian Association aims to be of practical service to every student at the Institute, to help every man live up to the best that is in him, and to help Technology realize its highest ideals. Its purpose is "To foster among the members of the Institute the best ideals of Christian living and to enlist them in active Christian service."

Membership

All students and members of the Institute who are in sympathy with the objects of the Association and wish to co-operate in promoting them are eligible to membership. No membership fee is charged, but subscriptions to the budget of the Association are solicited.

Organization

There is an Advisory Board of alumni and faculty who maintain a General Secretary and his Associate and sustain advisory relations with the undergraduate organization. Direction of all Association affairs is in the hands of the Cabinet composed of the officers and heads of departments. In the interim of Cabinet meetings, the business of the Association is carried on by the Executive Committee, which comprises the officers plus one Cabinet member, and meets weekly.

History

Previous to 1895 there was an organization of a few men known as the Technology Christian Union. In 1895 this was disbanded and a M. I. T. Y. M. C. A. was organized as a student branch of the Boston Y. M. C. A. In the spring of 1908 the Association was recognized as the Technology Christian Association, a self-supporting, individual, Technology organization. Its affiliation is recognized with the Student Department of the Young Men's Christian Association of North America.

SERVICES RENDERED BY T. C. A.

1. 715 Technology men furnished with rooms.
2. 2000 Handbooks distributed containing useful information about M. I. T. and surrounding community.
3. 3000 desk blotters 17 x 24 given out.
4. \$20,000 worth of work given to 302 men.
5. \$3080 worth of books sold for and to students.
6. 290 Freshmen furnished with advisers.
7. 8 men served weekly in greater Boston as leaders in Boy's work.
8. 5 men gave time weekly in the jail teaching mathematics.
9. 14 in Technology's Delegation at Annual Student Conference, Silver Bay on Lake George, New York, June 11-19.
10. Bible Study Classes conducted, January to May.
11. Many men furnished entertainment at Church clubs, immigrant stations, jails, etc.

12. 750 total attendance at three-day series of meetings led by Dr. H. H. Crane on "Life."

13. 219 foreign students in the "Stute" from 31 different countries. Special attention is shown these men by a special department.

14. 16 Churches within one and one-half miles radius of Technology furnished with names of students of their denominations. Sunday attendance and young people's work promoted.

15. 9.00 A.M. to 5.30 P.M. Office open daily in Walker Memorial. General Secretary or some person there to be of assistance to everyone.

CHURCHES

The following churches in Boston and Cambridge* are the ones which Tech men attend most frequently:

Baptist

The First Baptist Church in Boston—Commonwealth Ave. and Clarendon St. Morning Service, 10.30; Students' Bible Forum, 12.00; Students' Social Club, 7.30. Social events and weekly hikes.

First Baptist Church in Cambridge*—River St; near Central Square. Morning service, 10.30; Bible School, 12.00; Christian Endeavor, 6.15. Evening service, 7.30.

Old Cambridge Baptist Church*—Massachusetts Ave. and Harvard St. Morning service, 10.30; Students' Bible Class, 12.00; Christian Endeavor, 7.00.

Tremont Temple—Tremont St., near School St. Services 10.30 and 7.00.

Christian Science

The First Church of Christ, Scientist, Falmouth, Norway and St. Paul Sts. Sunday services, 10.45 and 7.30. Testimonial meeting every Wednesday evening, 7.30.

Congregational

Central Church—Corner Berkeley and Newbury Sts. Morning service, 11.00; Central Club for Students, 7.30.

Mount Vernon Church—Corner Beacon St. and Massachusetts Ave. Service, 11.00; Young People's Buffet Supper, 5.00; Student Meeting, 7.30.

Old South Church—Copley Square. Services, 11.00 and 7.30; also from November to April, services on Friday evenings at 8.00.

Prospect St. Congregational Church*—Near Central Square. Morning service, 10.30; Evening service, 7.30; Christian Endeavor, 6.30.

Park Street Congregational Church—Corner Park and Tremont Sts., Boston. Morning service 10.30; evening service, 7.00.

Pilgrim Congregational Church*—Corner Cottage and Magazine Sts., Cambridge. Services, 10.30 and 7.30.

Episcopal

Trinity Church in the City of Boston—Copley Square. Morning service, 11.00; Evening prayer and sermon, 4.00.

The Cathedral Church of St. Paul—Tremont at Park St. Station. Services, 11.00, 4.00 and 7.30.

Church of the Advent—Mt. Vernon and Brimmer Sts. Services (Weekdays) 7.30, 9.00, 5.00. (Sundays) 7.30, 8.15, 9.00, 10.00, 10.30, 4.00 and 7.30.

Jewish

Temple Israel—Commonwealth Ave. and Blandford St. Services, Saturday, 10.30; Sunday, 11.00. College Club 2nd and 4th Tuesdays of every month.

Lutheran

St. Mark's English Lutheran Church—29 Winthrop St., Roxbury. Morning service, 10.30; Sunday School, 11.45.

Boston Norwegian Lutheran Church—28 Bartlett St., Roxbury. Service, 10.30.

Swedish Lutheran Augustana Church*—311 Broadway. Services, 10.30 and 7.30.

Methodist

Epworth Methodist Church*—Massachusetts Ave., opposite Cambridge Commons.

United Methodist Episcopal Church in People's Temple—Columbus Ave., at Berkeley St. Morning service, 10.30.

Grace Methodist Episcopal Church—Magazine and Perry Sts. Morning service, 10.30; Young Men's Class, 10.00; Evening service 7.15.

Presbyterian

First United Presbyterian Church, Inman Square. Service at 10.30 A.M. and 7.30 P.M., Church school at 11.45 A.M.; C. E. at 6.30 P.M.

First Presbyterian Church in Boston—Columbus Ave. and Berkeley St. Service, 10.30.

Roxbury Presbyterian Church—Warren and Woodbine Sts., Roxbury. Services, 10.30 A.M., 7.30 P.M.

Roman Catholic

The Cathedral—Washington and Union Park Sts.

St. Cecilia—Belvidere and St. Cecilia Sts. near Boylston St. and Massachusetts Ave.

St. Mary's*—Harvard and Norfolk Sts.

Unitarian

First Church in Boston (1630)—Corner Berkeley and Marlboro Sts. Morning service, 11.00; Young People's Meetings, 6.30.

Second Church in Boston—Beacon St. and Audubon Circle. Morning service, 11.00.

First Church in Cambridge*—Harvard Square. Morning service, 11.00.

Arlington Street Church—Corner Arlington and Boylston Sts. Morning service, 11.00; Vesper service (all seats free) at 4.00.

Harvard Street Unitarian Church*—Corner Harvard and Hancock Sts. Services, 11.00.

CONSTITUTION**OF THE****Massachusetts Institute of Technology
Undergraduate Association****Preamble**

Whereas, it seems wise that all activities among the students of the Mass. Inst. Tech. should be so organized and conducted as to work for the good of the welfare and renown of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY, it is fitting that some central organization, chosen and controlled by the student body, should, as representing that body, have and exercise general powers of supervision over all individual activities insofar as they affect the student body as a whole.

To this end it seems necessary that the entire body of undergraduates should be brought together as a unit in order that legislation and executive powers may be transferred upon such a central body as is mentioned in the preceding paragraph. It is, therefore, enacted by the undergraduates attending the MASSACHUSETTS INSTITUTE OF TECHNOLOGY that such a general organization should be effected and to this end the following constitution governing the student body is adopted:

CONSTITUTION**ARTICLE I****Name of Organization**

The name of this organization shall be the MASSACHUSETTS INSTITUTE OF TECHNOLOGY UNDERGRADUATE ASSOCIATION.

ARTICLE II

Purpose

The purpose of this organization is to regulate and control the acts of the student body in its relation to the Institute and to the general public, and to exercise such supervision over the several student activities as will insure that the same are conducted in the best interest of the student body as a whole and to the credit of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

ARTICLE III

Membership

All registered students at the Massachusetts Institute of Technology are by virtue of such registration members of this organization, such membership to be subject to such rules and regulations as may be herein or hereinafter enacted by this organization.

ARTICLE IV

Institute Committee

Section 1. All the legislative and executive powers of this association are hereby invested in a representative body to be chosen as hereinafter provided. This body shall be known as the INSTITUTE COMMITTEE.

Section 2. All acts and decisions of the Institute Committee shall be considered to be facts and the decisions of this Association, except that on petition presented in writing by fifty students, within ten days of the enactment of such acts and decisions by the Institute Committee shall be presented to the Association for ratification or rejection, as is provided in Section 3.

Section 3. On receipt of a petition as provided in Section 2, the Institute Committee shall, within four days, issue a call for a general vote on the matter in question, the same being taken by

written ballot within fourteen days but not earlier than seven days, after the issue of such a call. Two-thirds of the ballots cast shall be necessary to annul any act or decision of the Institute Committee.

Section 4. The Institute Committee shall consist of three members of each class, of whom one shall be the Class President, the other two to be elected at large; and one from each of the following undergraduate organizations:

Dormitory Committee
Finance Committee
M. I. T. A. A.
Musical Clubs
Tech Show
Technique
Technology Christian Association
The Tech
The Voo Doo
T. E. N.
Combined Professional Societies
Walker Memorial Committee
Architectural Student Council
Budget Committee
Elections Committee
Point System Committee
Advertising Committee

Section 5. Any other activity now existing or hereafter duly organized by the undergraduates may, by two-thirds vote of the Institute Committee be granted representation thereon, and any activity having a representative on the committee may, by a similar two-thirds vote, be denied such a representation, provided notice of the proposed action of the committee shall have been given the members of the activity and full opportunity granted them to present arguments and reasons why such action should not be taken.

Section 6. After the acceptance of this Constitution by the student body, the election of representatives on the Institute Committee on the part of class organizations or other student activities shall be deemed an acceptance of this Constitution and its authority.

ARTICLE V

Organization of the Institute Committee

Section 1. The officers of the Institute Committee shall consist of a President, Vice-President, Secretary-Treasurer, who, with the chairman of the Walker Memorial Committee and the Naval Hangar Gym and one more member elected by the committee at large shall constitute an Executive Committee.

Section 2. The President of the Senior Class shall be the President of the Institute Committee. All other officers of the Committee shall be chosen annually by the committee by written ballot.

Section 3. The Institute Committee shall enact such By-Laws as may be deemed necessary, and not inconsistent with the provisions of this Constitution.

ARTICLE VI

Amendments

Amendments to this Constitution may be recommended by the Institute Committee or by a petition of one hundred (100) members of the association. Any amendments so recommended shall be submitted by the Institute Committee to the entire body for consideration and adoption. Full notice of such proposed amendment shall be submitted to the entire student body for consideration by publication for posting at least thirty days before the day set for voting; two-thirds of the votes cast shall be necessary to adopt the same, provided twenty-five per cent (25%) of the total membership vote.

BY-LAWS

ARTICLE I

The name of this organization shall be the Institute Committee.

ARTICLE II

The function of this committee shall be as

provided for in Article IV, Section 1, of the Constitution.

ARTICLE III

Section 1. The membership of the Institute Committee shall consist of three members of each class, of whom one shall be the class president, the other two shall be members of the class elected at large by the class; and shall furthermore consist of one representative from each Undergraduate Organization to whom a seat has been granted as hereinafter provided; and, in addition, the chairman of the various standing committees of the Institute Committee who are granted ex-officio membership of the Institute Committee.

Section 2. The class members shall attend the first meeting of the Institute Committee after their election. They shall not have the right to vote on any questions at this meeting except the election of officers of the Institute Committee. In this election the superseded members shall not have the right to vote. At the adjournment of this meeting the retiring class representatives shall give up their seats to the new representatives.

Section 3. All vacancies in the Institute Committee shall be filled by the organization concerned in accordance with the custom of that organization. No person may become a member of the Institute Committee without submitting written credentials from the organization which he represents. In case the official representative of an organization cannot be present at a meeting of the Institute Committee, the Committee may seat a substitute who shall have a written authorization signed by the absent member or by the organization which he represents.

ARTICLE IV

Section 1. The officers and Executive Committee, as provided for in Article V, Section 1 and 2, of the Constitution, shall, with the exception of the President, be elected by written ballot at the first meeting following the election of the representatives from the classes. Voting in this elec-

tion shall be in accordance with Article III, Section 2 of these By-Laws.

Section 2. Standing committees and other committees shall be organized, and shall operate in accordance with the REGULATIONS OF COMMITTEES.

ARTICLE V

Section 1. It shall be the duty of the President to preside at all meetings of the Institute Committee and of the Executive Committee. It shall be his further duty to sign all checks issued by the Institute Committee.

Section 2. The Vice-President shall assume the duties of President in case of the absence of the latter. In case of his resignation, however, the Vice-President of the Institute Committee shall become President of the Institute Committee, or his successor shall be elected by the Institute Committee.

Section 3. The Secretary shall keep all records of the Institute Committee and shall send notices of all meetings to all the members of the Committee.

Section 4. The Treasurer shall receive, be responsible for, and disburse all moneys of the Institute Committee and all of its sub-committees in accordance with the regulations of the Budget Committee. He shall act as sole depositor for all moneys belonging to the Classes. He shall be ex-officio chairman of the Budget Committee.

Section 5. The Executive Committee shall receive and consider all matters brought before it by the student body, and shall present to the Institute Committee for action such matters as are deemed important, together with the facts pertaining thereto.

ARTICLE VI

Section 1. The Institute Committee shall hold meetings every two weeks throughout the school year.

Section 2. Special meetings may be called at any time by the President or by the Executive Committee. After three days the President shall call a meeting of the Institute Committee upon the written request of ten members.

Section 3. The order of business for Institute Committee meetings shall be as follows:

1. Roll Call.
2. Reading minutes of previous meeting.
3. Special business.
4. Reports of Standing Committees.
5. Reports of other committees.
6. Old business.
7. New business.

Section 4. Robert's Rules of Order shall cover all procedures of this Committee except those covered by the Constitution and By-Laws.

ARTICLE VII

No meeting shall begin or continue unless at least a quorum of two-thirds the total membership is present.

ARTICLE VIII

Section 1. No fines shall be levied for lateness or absence but such lateness and absence shall be published in the issue of THE TECH following the meeting at which such lateness or absence occurs.

Section 2. If the full representation of an organization is not present at two consecutive meetings of the Institute Committee, that organization shall forfeit its right to representation on the Committee, which representation shall not be granted until the Institute Committee has been in receipt of a formal petition from the organization giving due assurance that such absence shall not recur, and shall have passed on this petition in accordance with Article X of these By-Laws.

Section 3. Proxies will be accepted for absence only for two consecutive meetings, after which time the member must himself be present or be considered absent.

ARTICLE IX

Section 1. To be granted representation on the Institute Committee, an activity must have existed one and one-half calendar years, and must either have had 50 students taking active part in it

during one Institute term, or must have traditions which render it worthy of representation.

Section 2. To be granted representation on the Institute Committee, a society must have existed one and one-half calendar years, and must either include in its organization a minimum of 50 active members, membership being open to all undergraduate students in one or more courses, or have traditions which render it worthy of representation.

Section 3. Having fulfilled these requirements, the organization may be granted representation at the discretion of the Institute Committee, a two-thirds vote of all members present being required.

ARTICLE X

Any organization appearing before the public as an M. I. T. Undergraduate Organization must first be granted this privilege by a two-thirds vote of the Institute Committee. This privilege may be withdrawn at any time by a similar vote providing the matter has been duly investigated and due notice has been given to the organization concerned. The constitutions of all such organizations shall be kept by the Institute Committee.

ARTICLE XI

There shall be three classes of sub-committees of the Institute Committee; all of which shall submit formal reports except that temporary committees may submit informal reports when authorized by the president of the Institute Committee.

(a) Standing Committees which function throughout the entire year and carry out routine duties of the Institute Committee.

The standing committees are:

- Advertising Committee
- Budget Committee
- Elections Committee
- Finance Committee
- Point System Committee
- Walker Memorial Committee

(b) Special Committees which function every year may carry out certain details of the business

of the Institute Committee. There is at present one of these Committees: The Field Day Committee.

(c) Temporary Committees which are appointed from time to time perform such duties as the Institute Committee shall specify.

ARTICLE XII

Proper changes of these By-Laws may be made by a vote of two-thirds of the members of the committee at any meeting of that body, providing three days' notice of the intended change has been given to all members of the committee.

ADVERTISING COMMITTEE

ARTICLE I

The name of this committee shall be the Advertising Committee.

ARTICLE II

The purpose of this committee shall be to regulate all advertising in the name of Technology and its activities for the best interests of the advertiser and the activities.

ARTICLE III

Section 1. This committee shall consist of a chairman, who shall be ex-officio a member of the Institute Committee and as associates, representatives of *The Tech*, *Technique*, *Voo Doo*, *The Tech Engineering News*, Tech Show, The Combined Musical Clubs, The M. I. T. Athletic Association and the Technology Christian Association.

Section 2. The chairman shall be a member of the Senior Class, elected by the Executive Committee and ratified by the Institute Committee. The associate positions on this committee shall be elected by the activities represented and ratified by the Institute Committee.

ARTICLE IV

The duties of the Advertising Committee shall be as follows:

1. To make a study in view of rectifying conditions which have brought about complaint.
2. To issue a statement of desirable procedure in the solicitation of advertising.
3. To devise a system of cards sanctioning the solicitation of advertising by a member of an activity.
4. To compile a classified list of all advertising solicited by Technology activities.
5. To publish at various intervals a list of bad accounts.
6. To require to be presented for approval a written plan of any publication to be produced by any activity.
7. To give publicity to any misstatement of fact on the part of an advertiser or an activity.

BUDGET COMMITTEE

ARTICLE I

The name of this Committee shall be the Budget Committee.

ARTICLE II

The purpose of this Committee shall be to regulate the expenditures of all money received through the Undergraduate Dues.

ARTICLE III

Section 1. This Committee shall consist of a Chairman, who shall be the Treasurer of the Institute Committee, and of four associates, one of whom shall be the Treasurer of the M. I. T. A. A., one, the Chairman of the Finance Committee and two members of the student body at large, and shall further consist of two advisory members.

Section 2. The two members of the Budget Committee from the student body at large shall be elected by the Executive Committee of the Institute Committee, subject to the ratification of the Institute Committee, at the second meeting of that committee following the class elections. The

advisory members shall be elected by the Alumni Council subject to the ratification of the Institute Committee.

ARTICLE IV

The duties of the Budget Committee shall be as follows:

1. To investigate all proposed expenditures of the Institute Committee in excess of five dollars, and report through the Executive Committee on the advisability of the same. It shall at the third regular meeting of the Institute Committee in the fall term present a budget covering the expenditures of the Institute Committee, all of its subcommittees, and of the Classes.

2. To investigate all proposed expenditures of any undergraduate organization receiving money from the Undergraduate Dues, and approve or disapprove of this expenditure as it sees fit. No money from the Undergraduate Dues shall be sent by undergraduates until such expenditures have been approved by the Budget Committee.

3. To submit copies of all approved budgets of undergraduate organizations spending money of the Undergraduate Dues to the Chairman of the Finance Committee, and shall submit copies of all approved budgets of athletic organizations spending money of the Undergraduates' Dues to the Treasurer of the M. I. T. A. A.

4. To report the approved budgets for all the athletic teams at a meeting of the Institute Committee not later than the first meeting in December. This report shall contain the total amount budgeted to each team.

ARTICLE V

1. The Budget Committee is empowered to levy a fine, of from five to ten dollars, against any organization contracting for expenditures of Undergraduate Dues, previous to the approval of such expenditures by the Budget Committee.

2. Such fines shall be paid for with funds other than those received from the Undergraduate Dues.

3. Notification of such fines shall be sent to each member of the Executive Committee of the Organization fined.

4. The Treasurer of the Institute Committee is empowered at his discretion to make no expenditures from the Undergraduate Dues in favor of the organization fined until such fine has been fully paid.

ARTICLE VI

Changes in these Regulations may be made by two-thirds vote of the members present at any meeting of the Institute Committee.

ELECTIONS COMMITTEE

ARTICLE I

The name of this Committee shall be the Elections Committee.

ARTICLE II

The purpose of this Committee shall be to conduct elections as hereinafter provided.

ARTICLE III

Section 1. The Committee shall consist of a chairman and seven associate members.

Section 2. The chairman shall be a senior elected by the Executive Committee of the Institute Committee subject to the ratification of the Institute Committee at the second meeting of that Committee following class elections.

Section 3. The associate members shall be appointed by the Executive Committee of the Institute Committee subject to the ratification of the Institute Committee. At least two of these shall be members of the senior class, and at least three shall be members of the Junior class.

ARTICLE IV

The duties of the Elections Committee shall be to carry on elections in accordance with the rules hereinafter stated:

1. The Chairman of the Elections Committee shall turn over to the Secretary of the Institute Committee all ballots after the results of an election have been announced and the votes recounted as provided in Article IV, Section 13. The Secretary of the Institute Committee shall keep them for one month and then destroy them. The stubs shall be kept by the Chairman of the Elections Committee for one month.

2. All Class Elections and Junior Prom Committee Elections shall be by the preferential system of voting. Senior Week Committee Elections shall be by the Hare-Spence System with the Marshalls elected by preferential system of voting.

3. All persons shall vote only with the class to which they are assigned by the Registrar, unless a written petition is sent to the Chairman of the Elections Committee requesting the right to vote with a class of which that person was previously a member. Evidence of the acceptance of such petition is given by permitting the person to vote in accordance with his desire as expressed in the petition. He then automatically becomes a member of the class with which he votes and may vote in no other class for the remainder of the school year.

4. A person is eligible to be nominated for an office in the class in which he is a voter except that only those who were members of the graduating class in their junior year shall be eligible for election to the Senior Week Committee.

For all Class Elections there shall be the signatures of ten sponsors on the nomination blank. For the Junior Prom Committee Election and Senior Week Committee Election, there shall be the signatures of five sponsors on the nomination blank.

5. Nomination blanks shall be submitted in the following form:

We, the undersigned members of the Class of do hereby nominate for of our Class.

(Sponsors' signatures)

I hereby accept the nomination.

(Signature of Nominee)

6. Nomination papers shall be deposited in a locked box provided for the purpose between the hours of 9 A.M. on the Friday and 1 noon on the Saturday immediately preceding the election.

7. The ballot shall contain a complete list of nominees. It shall be perforated along a line one and one-half inches from the bottom edge. The lower portion shall contain a space for the voter's signature and shall have a number corresponding to that on the upper portion. Each ballot shall be numbered consecutively.

8. The Chairman shall have the required number of ballots in his possession at least twenty-four hours before the opening of the poll.

9. In the annual spring elections, the ballots of each class shall be a separate color.

10. All elections shall be held on Wednesday, the day before the Thursday on which there is a meeting of the Institute Committee.

(a) The Freshman Class elections shall be held on the Wednesday of the first or second week following Field Day.

(b) The Junior Prom Committee Election shall be on the first or second Wednesday of December.

(c) The Senior Week Committee Election shall be held on the first or second Wednesday in February.

(d) The Annual Spring Class Elections shall be held on the second or third Wednesday following Junior Week.

11. The date of election and the date upon which nominations are due shall be announced two weeks before the day of the election.

Voting regulations, date and place of the election, and a list of the nominees shall be printed in THE TECH on the Monday preceding the day of election. The polls shall be open from 8.30 A.M. until 5.30 P.M.

Section 12. The voting for all elections shall be done in a room selected for that purpose by the Committee, and there shall be no balloting by mail.

There shall be a locked ballot box, the key of which shall be held by the Chairman of the Elections Committee.

The voter shall on entrance receive his ballot which he shall fill out at a booth or screened table provided for the purpose. There shall be a space set aside for the voting booth. No one except those in charge of elections shall be admitted to this space unless there is an empty booth. The voter on exit shall separate the two portions of his ballot dropping the upper portion in the ballot box, and giving the lower portion containing his signature to the attendant at the exit.

Section 13. There shall be no counting of votes until after the close of the polls.

The counting shall be done by the Chairman of the Elections Committee and two of the senior members except that if any or all of these three seniors are nominees in the election their places shall be filled by members of the committee who are not nominees. When the Hare-Spencer system is used counting shall be done by all members of the Committee who are not nominees in the election.

All men counting votes shall be on their honor not to divulge the count to any one regardless of his position until the formal announcement of the results has been made.

When the Australian ballot is used, the members of the Elections Committee who did not count the votes shall, after the announcement has been made, recount them.

Section 14. The Chairman of the Elections Committee shall make a formal announcement of the results of all elections at the meeting of the Institute Committee on the day following the day of elections, except that, in the case of protest, this announcement shall not be made until the elections have been adjudged legal.

Section 15. Any protests shall be presented to the Executive Committee which shall meet prior to the meeting of the Institute Committee on the day following the day of elections.

Section 16. The Chairman of the Elections Committee may make such additional rulings as he deems necessary except that such additional rulings shall not conflict with any part of the

Constitution of the Undergraduate Association or its accompanying By-Laws.

Section 17. All forms of electioneering at the polls shall be prohibited.

Section 18. Candidates for office shall not be permitted to take active part in the work of the Elections Committee.

Voting

Section 19. The voter numbers his candidates in the order of his preference. He may number as many as he likes.

Counting

Provide a tally sheet containing the names of the candidates on the left, with columns to the right of the names.

Sort the ballots into piles in accordance with the first choice indicated on them.

Count the number in each pile, and enter the figures on the tally sheet in the first column against the candidate's name.

If, at this stage, one candidate has a majority of the total votes cast, he is elected.

If this first count gives a majority to no one candidate proceed as follows:

Drop from the list the man with the least number of votes. Distribute his ballots among the remaining candidates in accordance with the second choice indicated on each ballot. Enter these figures in the second column.

If there is still no choice, drop the candidate who stands last on the count in column 2, and proceed as before. Continue until some one has a majority.

If two candidates are to be elected find the man who has the highest count by the method just indicated. Then eliminate his votes, and start again with the first choice.

Section 20. The nominations for Senior Class Day Marshals shall require the signatures of twenty-five (25) sponsors.

Section 21. Three candidates are to be elected as Class Day Marshals, and twenty-five candidates are to be elected to the Senior Week Committee.

Section 22. The Officers of the Senior Week Committee are to be chosen by the members of the committee after their election to it.

ARTICLE V

Changes in these Regulations may be made by a two-thirds vote of the members present at any meeting of the Institute Committee.

FINANCE COMMITTEE

ARTICLE I

The name of this committee shall be the Finance Committee.

ARTICLE II

The purpose of this committee shall be to supervise the finances of the undergraduate activities.

ARTICLE III

Section 1. This committee shall consist of a chairman who shall be a member of the Senior class, and two associates who shall be members of the Junior class.

Section 2. At the second meeting of the Executive Committee of the Institute Committee in April, the retiring chairman of the Finance Committee shall appoint his successor, subject to the ratification of the Institute Committee. Also at this time, the Chairman of the Finance Committee shall report the results of the Sophomore competition and two members of the then Sophomore class shall be elected to serve during their Junior year as members of the Finance Committee, subject to ratification of the Institute Committee.

ARTICLE IV

Section 1. It shall be the duty of the Finance Committee:

(a) To correct the required monthly reports of each undergraduate organization.

(b) To make a yearly audit of the books of each organization or to obtain a statement that an audit has been made by recognized public auditors.

(c) To file a complete set of reports from each organization.

(d) To open and maintain a general activity bank account in the name of the Finance Committee in which shall be deposited all money belonging to any Class B or C activity. This account shall be subject to check by the Finance Committee only.

(e) To publish at various intervals, for the benefit of the undergraduate activities, a list of bad advertising accounts accrued by various publications.

Group A

The Institute Committee
 The Four Classes
 M. I. T. A. A.
 Musical Clubs
 T. C. A.
 Technique
 Tech Show
 T. E. N.
 The Tech
 Voo Doo

Group B

Aero. Eng. Society
 Architectural Eng. Society
 Chemical Society
 Civil Engineering Society
 Combined Prof. Societies
 Corporation XV
 Mechanical Engineering Society
 Mining Engineering Society
 M. I. T. Branch A. I. E. E.
 Naval Architecture Society

Group C

British Empire Club
 Catholic Club
 Chauncy Hall Club
 Chess Club
 Chinese Club
 Cleofan
 Japanese Club
 Latin American Club

Menorah Society
M. I. T. Chapter Unitarian Laymen's League
M. I. T. Post-Army Ordinance Association
M. I. T. Post Society of Military Engineers
Norwegian Club
Outing Club
Radio Society
Rifle Club

Section 2. It shall be the duty of the Chairman of the Finance Committee:

(a) To supervise and direct the work of the members of the Finance Committee.

(b) To submit a report at his retirement from office to the Institute Committee and to the Bursar giving the financial standing of each organization coming under Article X of the By-laws of the Undergraduate Association and the total funds handled by those organizations during the year.

(c) To keep a record showing the profit of each organization and the total funds handled by them during the year.

(d) To see that the funds of each organization are correctly appropriated and that their financial dealings are handled in a businesslike manner.

ARTICLE V

The annual dues for each organization coming under the jurisdiction of The Finance Committee shall be one dollar payable before Jan. 1st. A fine of one dollar shall be imposed for all late reports, or for late corrected reports.

ARTICLE VI

Appeal from any of the rulings of this Committee may be made to the Institute Committee.

ARTICLE VII

Changes in these regulations may be made by a two-thirds vote of the members present at any meeting of the Institute Committee.

POINT SYSTEM COMMITTEE

ARTICLE I

The name of this Committee shall be the Point System Committee.

ARTICLE II

The purpose of this Committee shall be to enforce and regulate the Point System.

ARTICLE III

Section 1. This Committee shall consist of a Chairman, who shall be an ex-officio member of the Institute Committee, and of three associates. The chairman shall be a member of the Senior Class; the associate members of the student body at large.

Section 2. The positions on this Committee shall be filled by election of the Executive Committee of the Institute Committee subject to ratification of the Institute Committee at the second meeting of that Committee following the class elections.

ARTICLE IV

Section 1. This Committee shall see that every position in every undergraduate organization is assigned a definite number of points.

Section 2. Before a new office is created in any undergraduate organization permission must be had from the Institute Committee to create such office, and points must be assigned by the Point System Committee and approved by the Executive Committee.

ARTICLE V

No person may be allowed to carry more than ten points unless permission is given him to do so by a two-thirds vote of the members present at any meeting of the Institute Committee. This shall in no way prevent a person from being a member of

an athletic team even though his total points exceed ten. No person on probation may hold any office to which points are assigned.

ARTICLE VI

No person may resign from an office given him by popular election in order to reduce his points to allow him to accept a subsequent position.

ARTICLE VII

The Institute Committee may not approve the election or appointment of any person to any office unless the matter has been investigated and approved by the Point System Committee and unless the report of the organization's elections is signed by the Chairman of the Point System Committee.

ARTICLE VIII

Section 1. A record of all persons in activities must be kept by the Point System Committee, and a report made by this Committee at every meeting of the Institute Committee.

Section 2. The Point System Committee shall hold a meeting of all its members before each meeting of the Institute Committee and bring all records up to date.

ARTICLE IX

Before the close of the tenure of office of the members of the Point System Committee the points assigned to all positions shall be investigated and any changes which seem advisable shall be referred to the Institute Committee for action. Such action is to take effect with the appointment of the new Point System Committee.

ARTICLE X

Changes in these regulations or in the point assignments may be made by a two-thirds vote of the members present at any meeting of the Institute Committee.

The points shall be as follows:

Classes

	Sr.	Jr.	Soph.	Fresh.
President	10	9	7	6
Vice-President	1	1	1	1
Secretary	2	2	2	2
Treasurer	3	3	3	3
Institute Committee	5	5	5	5
Executive Committee	1	1	1	1

Athletic Association: President, 10; Vice-President, 1; Secretary, 4; Treasurer, 9; Assistant Treasurer, 4; Publicity Manager, 8; Assistant Publicity Manager, 4; all members of teams and all candidates, 5; all team captains, 2 extra.

Track Manager: 9; Sophomore Assistant, 5; Freshman Assistant 4, Cross Country Manager 6, Swimming Manager 7, Crew Manager 8, Sophomore Assistant 5, Freshman Assistant 4, Hockey, Wrestling, Tennis, Boxing, Basket-ball and Gym Manager 6, Sophomore Assistant 5, Freshman Assistant 4, Rifle, Golf, Fencing and Soccer Manager 5, Sophomore Assistant 4, Freshman Assistant 4, Class Teams' Manager 4, Assistant 2, Supervising Manager of Intramural Baseball 5.

The Tech: General Manager 10, Editor-in-Chief 9, Managing Editor 9, Business Manager 9, News Editor 8, Sports Editor 8, Features Editor 8, Advertising Manager 8, Circulation Manager 8, Treasurer 8, Night Editors 7, News Writers 6, Sports Writers 6, Editorial Board 5, Features Division 5, Assistant Advertising Manager 6, Advertising Staff 5, Assistant Circulation Manager 6, Circulation Staff 5, Assistant Treasurer 6, Candidates 4.

Technique: General Manager 10, Managing Editor 9, Business Manager 9, Literary Editor 8, Department Editor 8, Advertising Manager 8, Treasurer 8, Publicity Manager 8, Photographic Manager 8, Associate Board 6, Staff 5, Candidates 4.

Voo Doo: General Manager 10, Business Manager 9, Managing Editor 9, Art Editor 8, Literary Editor 8, Advertising Manager 8, Circulation Manager 8, Publicity Manager 8, Associate Editors 6, Assistant Editors 5, Business Associates 6, Candidates 4.

Tech Engineering News: General Manager 10, Business Manager 9, Editor-in-Chief 8, Advertising

Manager 7, Managing Editor 7, Publicity Manager 7, Circulation Manager 7, Personnel Manager 7, Professional Relations Editor 6, Institute Editor 6, News and Statistics Editor 6, Editorial Editor 6, Assistant Business Manager 6, Other Assistants 5, Business and Editorial Staff 4, All Candidates 4.

Tech Show: General Manager 10, Junior Manager 9, Sophomore Assistant Manager 5, Freshman Assistants Candidates 4, Principal cast 6, Minor Cast, Members of Chorus, Ballet, Orchestra, 4, Directors of Scenery, Music, etc., 8.

Musical Clubs: General Manager 10, Business Manager 9, Treasurer 8, Publicity Manager 8, Leaders 6, Assistant Manager 5, Stage Manager 8, Members 2.

Technology Christian Association, President 10, Vice-President 4, Treasurer 4, Department Directors 3, Division Managers 2.

Institute Committee: Treasurer 9, Secretary 8, Members from classes 5, Walker Memorial Committee Chairman 9, Junior Members 6, Sophomore Members 4.

Budget Committee: Members at Large 3.

Point System Committee: Chairman 6, Members 3.

Elections Committee: Chairman 5, Members 1.

Finance Committee: Chairman 8, if Treasurer of the Senior Class 10, Secretary-Treasurer 4, Chairman Executive Committee 5.

Dormitory Committee: Chairman 6, Treasurer 2, Other Members 1.

Dormitory Dance Committee: Chairman 5, Members 2.

Professional Societies: President 5, Vice-President 3, Secretary 3, Treasurer 3, Members of Governing Board, Directors, etc., 2.

Combined Societies Executive Committee: Chairman 2, Vice-Chairman 1, Secretary 1, Treasurer 1, Members 1.

Clubs and Societies: President 3, Vice-President 1, Secretary 2, Treasurer 2, Members Governing Boards, Directors, etc., 1.

Architects' Student Government: President 5, Class Representatives 3,

WALKER MEMORIAL AND THE NAVAL HANGAR GYM COMMITTEE

ARTICLE I

The name of this Committee shall be the Walker Memorial and Naval Hangar Gym Committee.

ARTICLE II

The purpose of this Committee shall be to regulate the Walker Memorial Building and Naval Hangar Gym.

ARTICLE III

Section 1. This Committee shall consist of a Chairman who shall be ex-officio a member of the Institute Committee and the Executive Committee of the Institute Committee, and five other associates. The Chairman shall be a member of the Senior Class; two of the associates shall be members of the Junior Class; and three of the Sophomore Class during their term of office.

Section 2. At the first meeting of the Executive Committee of the Institute Committee, after the second week of the third term, the retiring Chairman of the Walker Memorial and Naval Hangar Gym Committee shall appoint his successor subject to ratification by the Institute Committee. He shall also recommend at this time the names of three members of the Freshman Class, and two members of the Sophomore Class, who shall be voted upon in the same manner as the Chairman. At the first meeting of the Executive Committee in the fall term, the Chairman of the Walker Memorial and Naval Hangar Gym Committee shall report the results of the Freshman competition of the previous spring and three members of the then Sophomore Class shall be elected members of the Walker Memorial and Naval Hangar Gym Committee by the Executive Committee, subject to ratification by the Institute Committee.

ARTICLE IV

The powers of the Walker Memorial and Naval Hangar Gym Committee shall be as follows:

1. To have charge of the student administration of the Walker Memorial and the Naval Hangar Gym and to enforce such house rules as are deemed necessary for the proper administration of these buildings."

2. To appoint any sub-committees that seem advisable, subject to the ratification of the Institute Committee.

3. To assign all rooms of the Walker Memorial and the Naval Hangar Gym for the use of undergraduate activities and to prevent as far as possible any meetings that will materially conflict with each other.

4. To require the complete plans for any social function to be held in Walker Memorial and Naval Hangar planned by any organization to be submitted in writing and signed by a responsible member of that organization.

5. To levy a fine of one dollar (\$1.00) on any organization which holds a meeting in the Walker Memorial or Naval Hangar Gym unauthorized by the Walker Memorial and the Naval Hangar Gym Committee. The fine to be payable to the Treasurer of the Institute Committee. And to refuse to approve the application for reservation of any room in the Walker Memorial or the Naval Hangar Gym until this fine is paid.

6. To regulate all affairs which are carried on in the corridors of the Institute buildings to the best interest of the Massachusetts Institute of Technology and to enforce such rules as are necessary for the proper conduction of these publicity campaigns and drives.

ARTICLE V

The duties of the Walker Memorial and the Naval Hangar Gym Committee shall be as follows:

1. To have published in each issue of THE TECH a schedule of undergraduate events, and to maintain in the Walker Memorial a calendar of all undergraduate events on a board provided for the purpose.

2. To procure from all organizations a list of

coming events, and to list these events in a book provided for the purpose.

3. To have at least one member of the Committee present at each dance held in the building and at any other function where it seems advisable. To procure from the organization two complimentary tickets to these functions.

4. To see that the activities' offices are kept clean and in repair, and that any improvements or changes desired by the organizations are made through the Walker Memorial and Naval Hangar Gym Committee.

5. To enforce all rules relative to the various parts of the Walker Memorial and the Naval Hangar Gym.

6. To co-operate with the Dean, the Superintendent of Buildings and Power, and the Superintendent of dining service in every way possible for the proper administration of the building and gym.

7. To have charge of all publicity campaigns and other drives conducted on the grounds of the Institute.

8. To submit to the Institute Committee any applications from organizations not connected with the Institute to conduct drives and to enforce the decisions of the Institute Committee relative thereto.

9. To be responsible for the appearance and use of all bulletin boards of the undergraduate body."

10. To prevent the use of these bulletin boards for commercial interest not connected with the Institute.

ARTICLE VI

Changes in these Regulations may be made by a two-thirds vote of the members present at any meeting of the Institute Committee.

UNIFORM CLASS CONSTITUTION

ARTICLE I

The organization shall be known as the Class of _____ of the Massachusetts Institute of Technology.

ARTICLE II

Section 1. All persons who on entrance are classified by the Registrar of M. I. T. as belonging to this class are members of this organization.

Section 2. If the Registrar transfers any member of this organization to another class, he may, nevertheless, continue to be a member of this organization by having a petition to vote with this organization accepted by the Elections Committee of the Institute Committee.

Section 3. All persons transferred into this class by the Registrar shall be members of this organization, unless they have petitioned in accordance with Section 2.

ARTICLE III

Section 1. Previous to the election of officers in the Freshman year, the class shall be under the supervision of the temporary chairman who shall be the President of the Junior Class.

Section 2. The Temporary Chairman shall be assisted by a General Committee. This Committee shall consist of four Juniors as Temporary Managers of the four field day teams, and an elected representative from each section of the class as determined by the registration in a given subject of instruction.

Section 3. The Temporary Managers shall be elected from the Sophomore Class by the Institute Committee at its second meeting following the spring class elections.

Section 4. The temporary officers of the class shall be responsible to the Institute Committee for the affairs of the class.

Section 5. The temporary Chairman shall assume the duties of President of the class during his tenure of office.

Section 6. The temporary Managers shall,

during the first two weeks of the school year conduct competitions for the managerships of their respective teams.

Section 7. The temporary Treasurer shall assume the duties of Treasurer during his term of office.

ARTICLE IV

Section 1. The officers of the class shall consist of a President, Vice-President, Secretary, Treasurer, two Members at Large, and two delegates to the Institute Committee, all of whom shall constitute the Executive Committee of the class. These officers shall serve until the next general election of officers by the class.

ARTICLE V

Section 1. The President shall preside over all meetings of the class, the Executive Committee, and shall be an ex-officio member of all committees of the class. He shall countersign all requisitions issued by the class.

Section 2. The Secretary of the Class shall be secretary of the Executive Committee and shall give notice of all meetings and be responsible for all records of the class.

Section 3. The Vice-President shall assume the duties of President in case of the latter's disability, absence, or resignation.

Section 4. The Treasurer shall be responsible for the disbursement of all moneys of the class. He shall deposit all money of the class with the Treasurer of the Institute Committee and shall sign all requisitions for the expenditures of such moneys. He shall prepare a budget for all the expenditures of the class, which shall be submitted to the Budget Committee after it has been approved by the Executive Committee of the class. He shall keep accounts of moneys received or due from the Undergraduate Dues separate from those received from other sources. He shall observe the regulations of the Budget and Finance Committees.

Section 5. The Executive Committee shall have the power to appoint such committees as it deems necessary.

Section 6. The Executive Committee shall have the power to fill vacancies occurring within itself, subject to the ratification of the Institute Committee.

ARTICLE VI

Section 1. Class meetings shall be called by the President, Executive Committee, or by the written request to the President signed by thirty members of the Class.

Section 2. All notices of such meetings shall be posted on the undergraduate bulletin boards.

ARTICLE VII

Section 1. The election of the members of the Executive Committee shall be by the Preferential system of voting and shall be conducted in accordance with the rules of the Elections Committee.

Section 2. The section representatives to the General Committee of the Freshman class shall be elected by each section the second week of the first term. If more than two men are nominated, a ballot shall be cast, each man voting for two men, the two men having the highest number of votes shall then be voted upon for the final election. These elections are to be under the supervision of the President of the Junior Class.

ARTICLE VIII

In case of negligence of duties, or misconduct thereof, any member of the Executive Committee may be disposed from office by a two-thirds vote of the Executive Committee, and ratified by a majority vote of the Institute Committee.

ARTICLE IX

In case of dispute, the correct interpretation of this constitution shall be determined by the Institute Committee.

Technology Branch

HARVARD CO-OPERATIVE
SOCIETY

The Students' Own Store

By joining the Society you become a storekeeper for yourself, just as absolutely as if you rented a store, put in a stock of goods and employed salespeople.

If you did start such a store wouldn't it be foolish to patronize any other store?

No matter what the selling price is, the ultimate cost to you is the best wholesale cost obtainable by large buying power, plus carefully managed and minimized selling cost. Everything else comes back to you in dividends.

Can you beat it? If this dividend is of no importance to you, you still help to make the store a success for the fellow who can't afford such luxuries as building up a business for any one but himself.

FROM: Manager Co-operative
Society.

TO: Members of M. I. T.

SUBJECT: Technology Barber
Shop.

May I call your attention to the Barber Shop of the Tech Branch of the Harvard Co-operative Society in the Tech Block, at 80 Massachusetts Avenue, opposite the Institute Buildings.

Barbers, who for some time have had Technology men for customers, are in this first-class sanitary barber shop.

I venture to invite your patronage.

Technology Branch

E. B. NOYES

Manager.

ARTICLE X

This constitution shall automatically become the constitution of every class upon its registration in the Institute.

ARTICLE XI

A two-thirds vote of the Executive Committee shall be necessary to amend this constitution, subject to the approval of the Institute Committee.

USEFUL FORMULAE

Trigonometry

$$\sin \theta \cdot \csc \theta = 1$$

$$\cos \theta \cdot \sec \theta = 1$$

$$\tan \theta \cdot \cot \theta = 1$$

$$\sin^2 \theta + \cos^2 \theta = 1$$

$$\tan^2 \theta + 1 = \sec^2 \theta$$

$$\cot^2 \theta + 1 = \csc^2 \theta$$

$$\tan \theta = \frac{\sin \theta}{\cos \theta}$$

Law of sines, $a : b : c = \sin A : \sin B : \sin C$

Law of cosines, $a^2 = b^2 + c^2 - 2bc \cos A$

$$\pi \text{ radians} = 180^\circ$$

$$\text{Length of arc} = r \theta$$

Analytical Geometry

Slope form, $y = mx + c$

Circle, $x^2 + y^2 = r^2$

Parabola, $y^2 = 4ax$

Ellipse, $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$

Hyperbola, $\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1$

Mechanics

Fundamental units.

Mass. (m, M), Length (l, s, L), Time (t, T)

$$\text{Velocity, } v = \frac{s}{t} \text{ or } \frac{ds}{dt}$$

$$\text{Acceleration, } a = \frac{v}{t} \text{ or } \frac{d^2s}{dt^2}$$

$$\text{Force, } F = Ma \text{ or } m \frac{d^2s}{dt^2}$$

$$\text{Angular Velocity, } \omega = \frac{\theta}{t} \text{ or } \frac{d\theta}{dt}$$

$$\text{Angular Acceleration, } \phi = \frac{\omega}{t} \text{ or } \frac{d^2\theta}{dt^2}$$

$$\text{Centrifugal Force, } f = mr\omega^2$$

$$\text{Work or Energy, } w = Fs$$

$$\text{Pressure or Tension, } p = \frac{f}{A}$$

$$\text{Power, } P = \frac{w}{t}$$

$$\text{Momentum} = mv$$

$$\text{Moment of Force} = rf$$

Conversion Factors

$$1 \text{ Meter} = 39.37 \text{ inches}$$

$$1 \text{ Kilogram} = 2.2 \text{ pounds}$$

$$1 \text{ Liter} = 0.0353 \text{ cu. ft.}$$

$$1 \text{ Gallon} = 8.33 \text{ pounds (water)}$$

$$1 \text{ Cu. Ft.} = 7.47 \text{ gallons}$$

$$1 \text{ Lb./Sq. In.} = 2.31 \text{ ft. of water}$$

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MEMORANDA

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MEMORANDA

THE following advertisers have made this Handbook possible. They are all firms which have established reputations for honesty and fairness in business dealings. When doing business with them let them know that you saw their advertisement in the Handbook.

ASSIGNMENTS

The Association of
 Students of the University at the
 University of the South
 shall not be held responsible for the work of
 the Association.

Voting

The voter marks his candidate
 by placing an "X" in the box
 opposite the name of the candidate.

Counting

The names of the candidates
 shall be written on the ballot
 in the order in which they appear
 on the ballot.

The voter shall mark his ballot
 in accordance with the
 instructions on the ballot, and enter the
 number of his ballot in a column against
 the name of the candidate.

The candidate who has a majority
 of the votes cast shall be elected.

If no candidate has a majority
 the candidate who has the least number
 of votes shall be eliminated and the
 election shall be repeated with the
 remaining candidates.

The candidate who has a majority
 of the votes cast shall be elected.

The candidate who has a majority
 of the votes cast shall be elected.

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 of the votes cast shall be elected.

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 of the votes cast shall be elected.

MEMORANDA

THE following advertisers have made this Handbook possible. They are all firms which have established reputations for honesty and fairness in business dealings. When doing business with them let them know that you saw their advertisement in the Handbook.

ASSIGNMENTS

6. Nominations for the Officers and Trustees shall be deposited in a locked box provided for this purpose between the hours of 9 A. M. on the Friday and 1 noon on the Saturday immediately preceding the election.

7. The ballot shall contain a complete list of nominees. It shall be perforated along a line one and one-half inches from the bottom edge. The lower portion shall contain a space for the voter's signature and shall have a number corresponding to that on the upper portion. Each ballot shall be numbered consecutively.

8. The Chairman shall have the required number of ballots in his possession at least twenty-four hours before the opening of the poll.

9. In the annual spring elections the ballots of nominees shall be a separate sheet.

10. All elections shall be held on Wednesday, the day before the Thursday on which there is a meeting of the Institute Committee.

11. The Freshman Class elections shall be held on the Wednesday of the first or second week following First Day.

12. The Junior-Year Committee Election shall be on the first or second Wednesday of December.

13. The Senior Week Committee Election shall be held on the first or second Wednesday in February.

14. The Annual Spring Class Elections shall be held on the second or third Wednesday following Junior Week.

15. The date of election and the date upon which nominations are due shall be announced two weeks before the day of the election.

Voting regulations, date and place of the election, and a list of the numbers shall be printed in THE TRENCH on the Monday preceding the day of election. The polls shall be open from 8:30 A. M. until 5:30 P. M.

Section 16. The voting for all elections shall be done in a room selected for that purpose by the Committee, and there shall be no talking by mail.

There shall be a special ballot box the key of which shall be held by the Chairman of the Elections Committee.

ESTABLISHED 1818
Brooks Brothers
CLOTHING

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or

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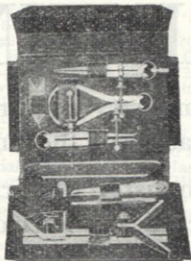
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CAMBRIDGE

Church Announcements

*Presbyterians attending Tech are invited
to worship at the*

Roxbury Presbyterian Church

Warren and Woodbine Sts., Roxbury

(4 minutes ride from Dudley Street Station)

REV. CLARENCE A. YOUNG, Ph.D., Pastor

Sunday Services 10.30 a. m. and 7.30 p. m.

Temple Israel

Commonwealth Ave. at Blandford St.
Boston

HARRY LEVI, Rabbi

Services—Saturday, 10.30 A. M., Sunday, 11.00 A. M. The College Club meets regularly the 2d and 4th Tuesday evenings of each month. Students welcome at all services and meetings.

Old South Church

(Third Church, 1669)

Boylston and Dartmouth Streets
COPLEY SQUARE, BOSTON

REV. GEORGE A. GORDON, D.D.

Minister

REV. BOYNTON MERRILL

Associate Minister

SUNDAY

11.00 A.M. Public Service.

7.30 P.M. Public Service.

FRIDAY

8.00 P.M. Public Service. These services are conducted from November to Easter.

Notices of these regular and of all special services will always be found in the Saturday issues of the *Transcript*, the *Herald*, and the *Traveler*.

The Old South Club, an organization of the men of the Church, meeting at 6.30 P.M. on the second Monday of each month, cordially welcomes students into its membership.

Several hundred students from all over Greater Boston worship with us every Sunday; Mr. James D. Ball is eager to know and to serve in any way possible any men students worshipping with us. Mr. Ball will be found in the entrance hall of the Church each Sunday morning. The Ministers also welcome you and are eager to serve.

The Class for Young Men, Prof. H. Robinson Shipherd, Teacher, meets each Sunday at 12.20. Discussions, lectures, a monthly dinner, friendships: these are some of the things to which this class is the open door.

The Church of the Messiah

(EPISCOPAL)



THIS church is located in the midst of many institutions devoted to art, music, and science and aims to assist the student in his thinking on religious topics, and in his worship and service.

Located between Symphony Hall and the Opera House at 77 St. Stephen Street. (Leave Huntington Ave. cars at Gainsborough Street).

REV. WILLIAM E. GARDNER, D. D.

Rector



Sunday

8.00 A.M. Holy Communion

10.45 A.M. Morning Prayer and
Sermon

(Holy Communion the first Sunday
of each month)

For Evening Services see Announcements

Arlington Street Church (UNITARIAN)

Arlington and Boylston Sts., Boston

Rev. PAUL REVERE FROTHINGHAM, D.D.
Minister

SERVICES

Morning Service with Sermon, at 11.

Vesper Service (all seats free) at 4.

Mid-Week Services, Wednesdays at noon
from November to Easter.

The Laymen's League meets monthly during the Winter. Applications for membership should be made to the Secretary, 351 Boylston Street, Boston.

Central Church

Berkeley and Newbury Streets

BOSTON

SEELEY K. TOMPKINS, Minister

11 A. M.—Service of Worship

7.30 P. M.—Central Club for young people. A brief period of devotion; a short talk on some theme of life; a social hour.

STUDENTS HEARTILY WELCOMED

Park Street Church

Corner Park and Tremont Sts., Boston

REV. A. Z. CONRAD, Ph.D., D.D., Pastor

Preaching 10.30 A.M. and 7 P.M. Bible School, 12 M. Weekday Meeting, Friday, 7.30. Social Assembly the First Tuesday of each month. Students especially welcome.

Old Cambridge Baptist Church

On Harvard Street, Cambridge
opposite the Harvard Union

REV. JOHN H. MCLEAN, Minister

SUNDAY SERVICES: Preaching Service,
10.30 A. M. Bible School at 12 M. Christian
Endeavor Meeting at 7.00 P. M.

Members of Technology are heartily welcome
to all the privileges and opportunities
of this Church

Prospect St. Congregational Church

(Near Central Square, Cambridge)

Rev. W. M. MACNAIR, Pastor.

Services 10.30 and 7.30. Young People 6.30.
Sunday School 12 M. Prospect Class of Men
at 12 M.

A YOUNG PEOPLE'S CHURCH

Lutheran St. Mark's (English)

29 Winthrop Street, Roxbury
near Dudley St. Elevated

Rev. E. L. MILLER, Pastor

Morning Service - - 10.30

Sunday School - - 11.45

A hearty welcome to Students

Church of the Advent, Back Bay

Mt. Vernon and Brimmer Streets, Boston

The "Red Spire" on the Esplanade, East

Sunday Masses, 7.30, 8.15, 9, 10.30; Week days,
7.30. Sunday Evening Service, 7.30, Weekdays, 5.

Rector's Lectures, Fridays, 8 p. m.

All seats always free; all Catholic privileges.
Students treated like other men, not as "problems."

First Presbyterian Church

Cor. Columbus Ave. and Berkeley St.

DR. ROBERT WATSON - - Minister

SUNDAY

10.30 A.M. Public Worship with Sermon.

12.00 M. Student's Discussion Group and
Bible School.

6.45 P.M. Christian Endeavor Society.

8.00 P.M. Friday—Week-day Service.

Students are received by affiliated membership with this church during their stay in the city.

Westminster House for Students

185 Bay State Road, Boston

Phone: Kenmore 3300

Rev. and Mrs. Merchant S. Bush are in charge. The house is always open, and a special invitation is given to the Sunday Afternoon Meetings at 5 o'clock.

ALL STUDENTS ARE WELCOME

Epworth Methodist Episcopal Church

Massachusetts Avenue
Opposite Waterhouse Street
Cambridge, Mass.

WELCOMES "TECH" MEN

Rev. WEBSTER H. POWELL, Ph.D.,
Minister

- 10.45 A.M. Public Worship.
12.10 P.M. Epworth Class. Largely composed of students.
7.30 P.M. Service in charge of the Epworth League. A free discussion of practical religious topics. Social half hour after service.

Dr. and Mrs. Powell are at home to all young people first Sunday afternoon of each month 3 to 5 o'clock, 38 Langdon Street.

Trinity Church Copley Square

The Rev. HENRY KNOX SHERRILL, Rector
SUNDAY SERVICES

- 8.00 A.M. The Holy Communion.
10.00 A.M. Classes in Religion in the Parish House.
11.00 A.M. Morning Prayer and Sermon. (The Holy Communion 1st Sunday of the month).
4.00 P.M. Evening Prayer and Address.
5.30 P.M. Meeting for Young Men and Women in the Parish House. Discussions, Debates, Special Speakers, followed by Supper.
7.30 P.M. Service and Address.

After every service the Clergy may be found in the Vestibules of the Church, and after the Evening Service may be met at a Social Hour in the Parish House.

Mt. Vernon Church

Beacon St. and Massachusetts Ave.

BOSTON, MASS.

Herrick House, 490 Beacon St., Boston

MINISTERS

SIDNEY LOVETT

EVERETT M. BAKER

SUNDAY SERVICES

11.00 A.M. Morning Worship.

12.30 A.M. Church History Class led by Mr. Lovett.

5 to 6 P. M. Student round table discussions of Religious and Social Perplexities, directed by carefully chosen leaders, and followed by a buffet supper.

7.30 P. M. A Student meeting in the Chapel with Special Speakers, Discussions, Music, concluding with Social Hour in Herrick House.

The morning congregation of this church is largely composed of young people who find fellowship in common worship. The Sunday evening student meeting aims thru fellowship, thru the friendly interchange of ideas, thru the fearless facing of life's common problems to promote individual Christian lives of social value and influence in the world. The Church invites you to its work and worship.

**Harvard Street
Unitarian Church
CAMBRIDGE**

On Harvard St., near Hancock St.,
two blocks from Mass. Ave.

FRANK O. HOLMES, Minister
Sunday Morning Service, 11.00 A.M.

STUDENTS CORDIALLY WELCOMED

Watch for announcements by the **Harvard Street Unitarian Club**, composed of young people of college age.

**The Lutheran Students' Association
of Greater Boston**

extends to Tech students a hearty welcome to all activities of the Association and a special invitation to the Student Vesper Service held 4.00 P.M. Sundays in the Augustana Lutheran Church, Broadway St. near Prospect St., Cambridge.

REV. N. D. GOEHRING

Pastor for Lutheran Students, representing the Board of Education of the United Lutheran Church in America.

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8.00—Special Music,

8.10—Talk by one of

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8.40—Refreshments,

9.00—20 Minute "sing"

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Room 3 or Room 302 Walker Memorial

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9-10							9-10
10-11							10-11
11-12							11-12
12-1							12-1
1-2							1-2
2-3							2-3
3-4							3-4
4-5							4-5

A CORDIAL WELCOME

To "Y" Members *We want to know you.*

Your "Y" membership is as good here as at home. The Hi-Y Clubs especially welcome Hi-Y men. Let's get acquainted.

To Other Tech Men *May we serve you?*

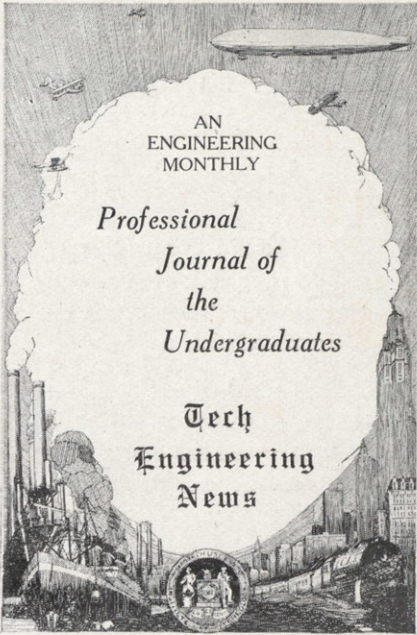
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11-12							11-12
12-1							12-1
1-2							1-2
2-3							2-3
3-4							3-4
4-5							4-5



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