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THE
HANDBOOK

Vol. XXVII

THE MASSACHUSETTS
INSTITUTE OF
TECHNOLOGY



"Mens et Manus"

THE HANDBOOK

Vol. XXXVII

CASON RUCKER

General Manager

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Editor

NORMAN C. MOORE

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ERNEST W. STEELE

Advertising Manager

GEORGE S. TRIMBLE

Art Work

This book is presented by:
**THE
TECHNOLOGY CHRISTIAN
ASSOCIATION**

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CALENDAR 1933-1934

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DR. KARL T. COMPTON
President of the Institute

OFFICE OF THE PRESIDENT

Class of 1937:

As the sixty-eighth class to enter this Institute, you will have the interest, the welcome and the support of all who have preceded you. You will have the responsibility of maintaining the reputation which they have made for the Institute. You will have the use of greater facilities in equipment and well-trained teachers than any of your predecessors. You are entering the Institute in a highly competitive period, a period in which there are more applicants for positions than there are positions available. At such a time it is more than ever important for every man to secure the best possible training for his life's work. We assume that you are here for this end and you will find that the whole purpose and spirit of the Institute is to help you.

The Technology Christian Association has had a great influence in developing personal relationships and in providing opportunities of all sorts for the better enjoyment and profitable use of the extra-curricula time of our students. You will find in this Association many opportunities for mutually helpful contacts. It deserves your interest and support.

Karl F. Compton

President.

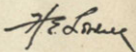


HAROLD E. LOBDELL
Dean of Undergraduates

OFFICE OF THE DEAN

The following pages convey the genuine welcome that the Institute extends to the Class of 1937. They also suggest the manifold Technology undergraduate activities that so profitably complement our scholastic program and enrich our community life.

You will find the Institute has much more to offer any student of reasonable intelligence than classroom and laboratory work. If your academic preparation for Institute work has been sound and thorough you need have no hesitancy in engaging in one or more of these activities which are being so competently managed by undergraduates themselves.



Dean of Students.



Assistant Dean.



THOMAS P. PITRE
Assistant Dean
In charge of Freshmen

HISTORY

ALTHOUGH the Massachusetts Institute of Technology was officially established when the Commonwealth of Massachusetts granted a charter for the new "polytechnic school" in 1861, it had begun to take form some 20 years before, when William Barton Rogers, the founder and first president, started his plans for the Institute. The Civil War came soon after the charter was granted, and it was not until February, 1865 that the first class, a small group of earnest students, met in the Mercantile Building on Summer Street, Boston, to begin their studies.

A descendant of brilliant Irish stock, Rogers for many years was professor of natural philosophy at the College of William and Mary, and later at the University of Virginia, during the period when traditional modes of classical education went almost unchallenged. As early as 1846, Professor Rogers recognized the definite need for an institution where students not only might learn the fundamentals of science and engineering, but extend research, invention, and industry through the study of "all the principles of physical truth". Toward that end, first as proponent, then as founder and president of the Massachusetts Institute of Technology, he labored until his death.

Perhaps Rogers' greatest contribution to

scientific education, aside from the actual establishment of the Institute, was his introduction in America of the laboratory system of instruction. The Rogers Laboratory of Physics at Technology, named in his honor in 1872, was the first of its kind in the world.

In 1868, the Institute moved to the Rogers Building on Boylston Street in Boston, now devoted to Technology's School of Architecture. Here the entire Institute carried on for a period of 18 years.

Ill health forced President Rogers to resign in 1870, and Dr. John D. Runkle undertook the duties of acting president, which office he occupied during eight years of desperate struggle to secure funds and students. Following Dr. Runkle's resignation, Dr. Rogers again assumed the presidency, and during the next two years, with the aid of friends, he succeeded in raising funds sufficient for the continuance of the Institute. He died soon afterwards as he stood on the platform of Huntington Hall addressing the graduating class of 1882. 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 Francis Amasa Walker, Technology's next president, was a pioneer in the field of economics and statistics, and a master of scientific method. A soldier, he rendered distinguished service with the Union Army during the Civil War. For

eight years he was professor of history and political economy at Yale University, and at the time of his appointment to the presidency of the Institute was United States Superintendent of the Census. Under his able leadership, the struggling technical school grew to be a great scientific institution of 1200 students.

Following President Walker's death in 1897, Professor James M. Crafts served as administrative head until 1900, when he was succeeded by Dr. Henry S. Pritchett, former director of the United States Coast and Geodetic Survey. During his presidency of seven years, the athletic and social life of undergraduates was greatly enhanced, and the establishment of graduate courses led to increased opportunities for research.

A proposal for the affiliation of Technology and Harvard University was carefully considered in 1905, and again in 1908, when the donation of the McKay fund to establish a technical school at Harvard raised the suggestion that it 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, and the two institutions were left to develop independently.

For two years following Dr. Pritchett's resignation in 1907, Dr. Arthur A. Noyes '86, founder and Director of the Laboratories of Physical Chemistry, served as acting president.

With the inauguration in 1909 of Professor Richard C. MacLaurin, of the de-

partment of physics at Columbia University, Technology entered a new era. By this time the school had outgrown its quarters in Back Bay, Boston. Its courses had increased in number from six to 15; the instructing staff from 10 to 300; its student body, from 15 to 1500. It was Dr. MacLaurin's role to raise the funds necessary for a new Technology, and less than five years from the day he took office, the first buildings on the present site along the Charles River Basin were under construction. This vast project was made possible by the generosity of the late George Eastman, who for many years was known only as the mysterious benefactor, "Mr. Smith", and whose gifts to the Institute totalled nearly \$20,000,000.

With magnificent and symbolic ceremony, the greater Technology was dedicated in June, 1916. The American flag was lowered from the staff of Rogers Building, where it had flown for 50 years, as the building made its final appearance as the center of Technology life. On the following evening, a great barge, "Bucentaur", bore the seal of the Institute across the Charles River to its new home. Searchlight rays playing on the ship from the roof of Rogers were crossed by rays from the Institute dome, and as the light from the old building faded gradually away, the future destiny of the Institute became embodied in the new buildings.

During the World War, President MacLaurin offered to the government the facili-

ties of every Institute laboratory and the services of its staff. Special courses in naval architecture, military aeronautics, and radio engineering were established, as well as a school for deck officers, a cadet school for ensigns, a school for merchant marine officers, and a naval aviation detachment.

In 1919, in order that the Institute's future development might be without financial handicap, President MacLaurin undertook to raise an endowment fund, but, worn out by this successful struggle, he died in January, 1920. To him, more than to any other one man, the world owes the new Institute.

The affairs of the school were then placed in the hands of an Administrative Committee, headed by Professor H. P. Talbot '85, of the department of chemistry, and Dr. Elihu Thomson, life member of the corporation, was elected acting president. In 1921, Dr. Ernest Fox Nichols, former president of Dartmouth College, was elected president of Technology, but was forced by ill health to resign the post without assuming its duties. Again the Administrative Committee, with Dean Talbot as its chairman, took charge.

With the inauguration in June, 1923, of Dr. Samuel W. Stratton, founder and for many years Director of the United States Bureau of Standards in Washington, the new Institute continued to advance. Twenty-two years spent in supervising the government's foremost research organiza-

tion had given Dr. Stratton an intimate knowledge of the demands made by industry on graduates of technical schools. Under his guidance, the physical equipment of the Institute's plant was expanded. New laboratories and an infirmary were built, and the addition of two dormitory groups tripled the original capacity. The dormitory units now accommodate over 600 students. During Dr. Stratton's administration, the great Technology Loan Fund of \$4,000,000 was launched, for the purpose of aiding worthy students to finance their education at Technology.

In March, 1930 President Stratton resigned to become chairman of the corporation, and Dr. Karl T. Compton, chairman of the department of physics at Princeton, was elected to succeed him. This dual leadership came to an end in October, 1931, with the sudden death of Dr. Stratton.

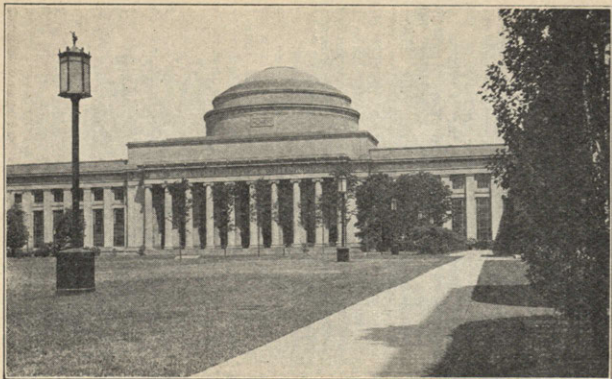
Under Dr. Compton's leadership, the Institute has already made notable advances. In March, 1932, announcement was made of the subdivision of Technology into the School of Science, the School of Engineering, the School of Architecture, the Division of Humanities, and the Division of Industrial Cooperation. Dr. Vannevar Bush '16 of the department of electrical engineering was elected Vice-President and Dean of Engineering, while Dr. Samuel C. Prescott '94, head of the department of biology and public health, became Dean of Science. Professor William Emerson, head of the department of architecture, was

made Dean of Architecture. For the first time in the history of the Institute, explicit recognition was made of the Graduate School, of which Dr. Harry M. Goodwin '90 became Dean.

The deans of these four schools, together with H. E. Lobdell '17, Dean of Students, Bursar H. S. Ford, the chairman of the Faculty, the director of the Division of Industrial Cooperation, and the president of the Alumni Association, constitute the Administrative Council under the chairmanship of President Compton.

With the dedication in May, 1933 of the new George Eastman Research Laboratories, the Institute assumed a new leadership in advanced training and fundamental research in physics and chemistry.





THE DOME

TECHNOLOGY

THE dream of a greater Technology came into being during the month of June in 1916, for it was at this time that the dedication took place of the new Technology buildings on the Charles River Basin and also the cornerstone of Walker Memorial was laid. A few facts about the new buildings will not be amiss at this time. The architect was Mr. William Bosworth, '89, and the contractors were Stone & Webster, of Boston, both of the class of '88. The first start of the construction of the new units was in April, 1914, at which time the first cement was poured into the forms. Practically the entire foundations are on piles which have been driven from 15 to 40 feet to bed rock. Approximately 25,000 piles were used. The total cost of the complete plant as planned originally by Mr. Bosworth will be approximately \$10,000,000. The buildings themselves are constructed of reinforced concrete faced with Indiana limestone. Towering above the rest of the group is the main dome under which is found the library. This dome is 150 feet in height and the buildings are four stories.

One of the most recent additions is the new Aeronautical Building, which was made possible by the generous gift of the Daniel Guggenheim Foundation for the promotion of aeronautics. This building contains a wind tunnel which occupies

three floors and runs the entire length of the building. This is one of the best aeronautical laboratories in the country.

Another new addition to the Institute buildings is the Automotive laboratory which is equipped with both the usual models and special types of engines. This laboratory is the most up-to-date of its kind.

The George K. Eastman Building is the newest at Technology, completed during the summer in 1932. This building is expressly for the departments of chemistry and physics, and contains the best of equipment. The Spectroscopy Laboratory adjacent to it, houses the most modern apparatus for research in that field.

The Infirmary is located in a four-story wing of the Institute buildings. The first floor contains the office of the Medical Director, the first aid room, the nose, throat and dental clinics, four large examination rooms, eight dressing chambers, a filing room for records and a large waiting room. There are twelve beds on the second floor and two five-bed wards, four private rooms, a kitchen, and an operating room on the third floor. There is a solarium and a tile-paved sun porch on the fourth floor. A doctor is on duty every morning, except Sundays and holidays from 8:30 to 9:30 and every afternoon from 4:00 to 5:00 except Saturdays, Sundays and holidays. There is a trained nurse constantly on duty. The charge for staying in the Infirmary is very reasonable, amounting to only one

dollar per day.

Walker Memorial is a gift of the Alumni of the Institute to the Undergraduates to be used as a social and recreational center. It was completed slightly before the war and during the entire conflict was used by the Naval Aviation Service as headquarters and a training center. The building contains offices of all the student activities, a large dining room, which is also used for dances, and several smaller dining rooms which may be used for activity functions. There is also a library and reading room, a faculty and alumni 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 rooms complete with equipment of this building. The government of the Walker Memorial and of the 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 Committee and is charged with the entire administration of both buildings.

The boathouse was purchased several years ago from the B. A. A. and is for the sole purpose of the undergraduates of the Institute. The building is located on the Charles River Basin, a short distance from the Institute. Its equipment is among the finest in the east, and better facilities for those interested in rowing whether it be for pleasure or competition can not be found.

The Rogers building is one of the original Technology buildings on the old site down town. It contains the department of architecture.

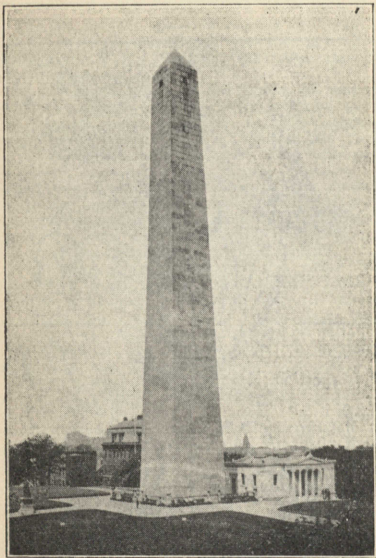
The Hangar Gym is the home of many of Technology's activities. During the war the naval men stationed at the school erected the building as a hangar for the naval training planes in use. The building has been remodeled and it now contains a regulation size basketball court with ample seats for spectators, a boxing ring, space for the wrestling team, and a large room used to store aeroplanes and large guns used in the instruction ground school.

The track house contains the office of the track coach and trainer, several locker rooms, a shower room and several other facilities for track men. Adjoining the track house are the recently erected squash courts which are always open to anyone caring to use them.

There are two athletic fields at Tech and there are tennis courts adjoining each of the fields. Provision is made for nearly every recreation with the exception of golf and there are many fine courses within a few minutes of Technology.



G. TRIMBLE.



BUNKER HILL MONUMENT

HISTORICAL BOSTON

By PAUL C. EATON, '27

BUNKER Hill Monument, towering into the local fog and smoke, from nearby Charlestown, is the most obvious point of departure for a survey of the historical landmarks of Boston. This shaft from the top of which one may get, on a clear day, a grand panorama of harbor and city, commemorates the battle of June 17th, 1775 in which 1200 Yankees, sustaining a loss of 449 men, twice repulsed the onslaughts of 3,000 British troops and then withdrew, after inflicting 1054 casualties on the attackers. The monument on the hill known in 1775 as Breed's was dedicated in 1827 by Daniel Webster in the presence of General Lafayette and those "venerable men" who still survived. Practically at the foot of the hill is the Charlestown Navy Yard, on the site of which the British landed and formed for the attacks. The yard, established in 1800 and the oldest in the country, is the home port of the famous frigate **CONSTITUTION** which was built in 1779 at Hart's shipyard across the mouth of the Charles, and rebuilt in the old Navy drydock in 1930.

On Copp's Hill, across in Boston, and just above North End Park which faces the Navy Yard, is the Old North Church, located in an Italianate neighborhood

which was, in colonial times, the most aristocratic district in the city. From the belfry of the Old North, Paul Revere saw the lanterns which started him off "to ride and spread the alarm through every Middlesex village and farm". The Copp's Hill Burying Ground contains the graves of Increase, Cotton and Samuel Mather, Puritan divines and leaders in the Colony. Paul Revere's house is still standing, just off Prince Street, in a region now famous for wine.

Faneuil Hall (1762-3), the Cradle of Liberty, is a block or two west of Revere's house and not far from the Old State House (1748) at the head of State Street. Passing from the former to the latter, one may see set in the sidewalk an arrow which points out the place of the Boston Massacre of March 5, 1770, when an hysterical British officer ordered his men to fire into an equally hysterical mob. The Customs House Tower, which shadows State Street, is built above the old building in which Hawthorne, the novelist, and Bancroft, the historian, served as government employees. Since the land belongs to the federal government, the height of the tower, 450 feet, was not restricted by the ordinances which have kept other buildings lower.

The Old South Church (1730-32) on Washington Street was the meeting place of patriotic agitators of pre-Revolutionary days and became a riding school for British officers during the Occupation. King's

Chapel (1754) above on Tremont Street, has been both the first Episcopal and first Unitarian church in Boston, when America was hostile to both denominations. The oldest cemetery in the city adjoins the church, and here are buried John Winthrop, the first governor and long a stalwart of the Bay Colony, Mary Chilton, the first woman to land from the Mayflower, and Elizabeth Pain, the original of Hester Prynne in **The Scarlet Letter**. Somewhere in the Old Granary Burying Ground across Tremont Street, lie John Hancock, Samuel Adams, and James Otis. In the Common, which was purchased from William Blaxton in 1634, is another graveyard, but this was not used until after the Revolution.

In Cambridge, on Brattle Street, once the home of Tory aristocrats, stands Elmwood, the James Russell Lowell home, and Craigie House, where Longfellow lived and Washington once had his headquarters. The Harvard Yard contains buildings used as barracks in 1775 and as the seat of the great and general Court.

Historical Boston really includes Lexington, fourteen miles out, and Concord, six miles beyond. Beside "the rude bridge which arched the flood" is the Old Manse, home of Emerson and later of Hawthorne. At Salem, twenty miles toward the old fishing port of Gloucester, are the original **House of the Seven Gables** and many stately mansions of the days when Salem vessels brought home rich cargoes from the East. Marblehead, birthplace of the

American Navy and yachting center of New England, is four miles from Salem. In the other direction from Boston, Plymouth with monuments and relics of the Pilgrims, is about forty miles down the road to Cape Cod.



ADVICE

IN entering Tech you will face new problems, new interests and diversions. Do not let them overwhelm you. The student most likely to succeed is the one who makes his years at Tech a perfect co-ordination of study, activities, and social life. Tech is rightfully recognized as one of the hardest engineering schools in the country but do not let this make a grind of you. Then, too, Boston's unlimited opportunities for social life, and the large number of activities at the Institute often disillusion the new man to such an extent that he unknowingly neglects his studies. With these points in mind start your year right and see that it stays right. Go to all of your classes and get all you can out of each one, be especially attentive during the first two weeks, for attention then will usually make your courses much easier for you.

Most of you who come to Tech as freshmen cannot help but feeling somewhat "lost" because of the size of the Institute. Two things may help you to overcome this feeling. First, remember that your fellow freshmen feel just as uncomfortable as you do, and second that everyone around school has at one time been a freshman. Make it a point to meet as many fellow freshmen as you can during the first week; don't wait for introductions.

Read the HANDBOOK thoroughly and



THE GREAT COURT

become familiar with the different phases of life at the Institute. The following information concerning Technology should be understood by every freshman.

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

4. 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.

5. 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.

6. 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.

7. You are welcome to expert medical advice, free of charge, from the Institute Physician, whose office is in room 3-115. Office hours are 8:30 to 9 in the morning

and 4 to 5 in the afternoon.

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

9. 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.

10. 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.



FRESHMAN RULES

THE Massachusetts Institute of Technology is interested not only in turning out well trained engineers, but makes every endeavor to develop in its students those attributes of character that distinguish the well rounded and educated man from the merely technically trained engineer.

Development of Technology spirit, of a real pride in the position of our school in the collegiate world and the formation of lasting friendships is fostered as much as possible by the undergraduates.

In order to create the necessary interest in Technology among the entering class and to familiarize them with its traditions the following Freshman Rules are presented to it for its information and guidance:

1. All Freshmen should wear regulation ties, four-in-hand, with cardinal and gray stripes. They should be worn when on the Institute grounds from the first day of classes until the end of the rules period. These ties are to be sold on Registration Day by the Freshman Rules Committee.

2. Freshmen are expected to speak to all members of the faculty and to tip their hats to the President of the Institute and to the Dean.

3. The administration of the above rules shall be delegated to a Freshman Rules Committee composed of a chairman, who shall be a senior appointed by the Executive Committee subject to the ratification of the Institute Committee, a Junior mem-

ber, a Sophomore member, and a Freshman member who shall be elected by the Freshman section leaders.

4. A board composed as follows shall act as a court in reprimanding freshmen for lack of class spirit: Chairman of the Dormitory Committee, Chairman of the Interfraternity Conference, Chairman of the Commuter's Association and President of the Senior Class. If the Freshmen win Field Day, these restrictions shall be removed at the beginning of Christmas vacation.

These rules have been adopted for the purpose of bringing about a more congenial spirit at the Institute and of fostering interest in Technology among the entering class. Consequently the rules do not include measures which are merely for the purpose of humiliating the first year men.

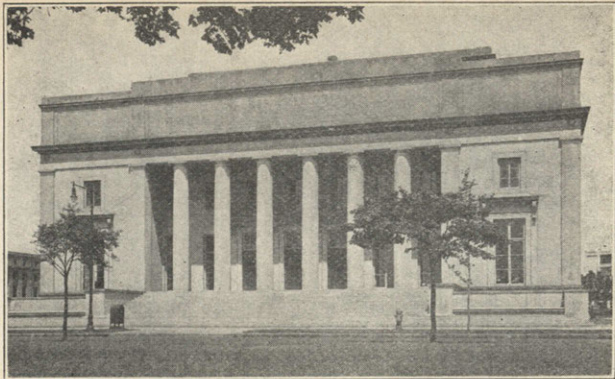


FRESHMAN CAMP

FRESHMEN, upon entering the Institute are so suddenly thrown into a life entirely different from that to which they are accustomed, that they may become lost in the newness of it all. In order to help bridge this gap between preparatory or high school and college, the annual Freshman Camp is held. The camp serves as a short cut for a freshman to the life and spirit of the Institute, and as a compass whereby he can help orient himself to his new world.

By living, eating and talking with a group of leading upper-classmen, faculty and alumni for three days, the freshmen get a touch of the best which these men have seen and experienced in the Institute. They become acquainted with the activities, athletics and life at Technology; and what is by far the most important they get to know a large number of their classmates in an informal and intimate way before beginning their four years of work. They strike up acquaintances with men whom they perhaps would never have seen nor known had it not been for the camp. It is at a time such as this when the finest in Technology spirit becomes most contagious.

This is the eighth year of the Freshman Camp, and it is becoming more popular with each year of its existence, there being 186 Freshmen present at the 1932 Camp. It is expected that this year there will be a higher percentage of Freshmen than ever before attend Camp, and accommodations have been made for them.



THE WALKER MEMORIAL

FIELD DAY

SINCE November 19, 1901, the supremacy of one of the two lower undergraduate classes over the other has been determined by a Field Day. Through this system, organized athletic contests have displaced the former dangerous cane rushes and "free-for-alls".

Field Day consists of five parts: a football game, crew race, relay race, tug of war, and a glove fight. Respectively each part counts four, three, three, two and one point.

As Field Day takes place the first Friday in November, practices of different teams start simultaneously with academics at the Institute. Not only does this day mark the beginning of actual participation in school activities for the freshmen, but also, many new and permanent acquaintances are formed among their teammates as well as among their opponents.

Last year a well organized sophomore aggregation beat the freshmen in every event. Early in the morning the crew race represented the only keen competition of the day. The freshmen lead the way until a short distance from the finish, a couple of bad "crabs" spoiling their chance for first blood. The sophomores easily won the remaining events; thus, came the end of a perfect day—for the sophomores.

Coaches and supervising managers are furnished from the regular coaching staff

and from members of the upper classes. Juniors act as sponsors for the freshmen, seniors for the sophomores. Do not disappoint those who are backing you. Be one to help engrave the numerals of your class on the Field Day Cup!

Field Day Scores

	Year		Won by
1901—Class	of '04	vs. '05	Freshmen
1902—Class	of '05	vs. '06	Sophomores
1903—Class	of '06	vs. '07	Sophomores
1904—Class	of '07	vs. '08	Sophomores
1905—Class	of '08	vs. '09	Sophomores
1906—Class	of '09	vs. '10	Sophomores
1907—Class	of '10	vs. '11	Sophomores
1908—Class	of '11	vs. '12	Freshmen
1909—Class	of '12	vs. '13	Freshmen
1910—Class	of '13	vs. '14	Sophomores
1911—Class	of '14	vs. '15	Sophomores
1912—Class	of '15	vs. '16	Sophomores
1913—Class	of '16	vs. '17	Sophomores
1914—Class	of '17	vs. '18	Freshmen

	Year		Won by
1915—Class	of '18	vs. '19	Sophomores
1916—Class	of '19	vs. '20	Freshmen
1917—Class	of '20	vs. '21	Sophomores
1918—Class	of '21	vs. '22	Sophomores
1919—Class	of '22	vs. '23	Sophomores
1920—Class	of '23	vs. '24	Sophomores
1921—Class	of '24	vs. '25	Sophomores
1922—Class	of '25	vs. '26	Sophomores

Year		Won by
1923—Class of '26	vs. '27	Sophomores
1924—Class of '27	vs. '28	Sophomores
1925—Class of '28	vs. '29	Sophomores
1926—Class of '29	vs. '30	Sophomores
1927—Class of '30	vs. '31	Sophomores
1928—Class of '31	vs. '32	Freshmen
1929—Class of '32	vs. '33	Sophomores
1930—Class of '33	vs. '34	Freshmen
1931—Class of '34	vs. '35	Sophomores
1932—Class of '35	vs. '36	Sophomores





THE PRESIDENT'S RESIDENCE

TECH SONGS

RICH, indeed are the undergraduates of Tech as far as school songs are concerned. Some of the songs here printed were composed in response to a competition; others are the gift of many Tech men who have gone on before. They have been handed down from class to class, and with each year they have become more and more dear to the heart of the undergraduate. Tech students should, therefore, sing them with a great feeling of pride, for there is not another school in America that can boast of a finer group of songs. Out of a host of Tech songs, the following have been chosen as the best liked and the most often used of the group.

Foremost among the group is the "Stein Song," which is the Alma Mater song of Technology. This song has become quite famous throughout the entire world and there is not a better known college song anywhere. The words are by Mr. Hovey, the Dartmouth Poet and the music is by Frederick Field Bullard, '87, well known and highly regarded as a composer. The history of the song is as interesting as its tune, and now occupies the foremost position in the songs of the Institute. "Take Me Back to Tech" by I. W. Litchfield, '85, is equally popular on the campus.

According to tradition, the "Stein Song" and usually "Take Me Back to Tech" are sung at every gathering of Technology men.

Every new man should learn the words of the songs before arriving at school. If the words are known the tunes are soon picked up, and the result is a group of songs which will be remembered and sung all your life as reminders of days at Tech.

In addition to the songs, the cheers should also be learned so that the new man will enter into the enthusiasm of all gatherings.

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 it's birds of a feather
When good fellows get together
With a stein on the table
And a heart without a care.

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

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

Tune, "Solomon Levi"

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—

Chorus:

'Rah for TECHNOLOGY!
 'OLOGY, 'Ology, oh—
 Glorious old TECHNOLOGY!
 'Ology, 'Ology, 'Ology, 'Ology.

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.

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 Technology.

Words by I. W. Litchfield, '85

Mens Et Manus

(Prize Song)

We gather together extolling thy praise
Technology Alma Mater;
Thy wide arms encircle the sons thou
didst raise,
Technology Alma Mater;
Our minds hast thou moulded,
Our hands hast thou skilled
To follow the precepts that thou has in-
stilled,
So rise our voices with memories thrilled,
Technology Alma Mater
Technology Alma Mater.

Words by G. M. Fair, '16

Hail M. I. T.

(Prize Song)

Hail, M. I. T.!
Our Alma Mater hail!
Hail, hail to thee!
Thy sons shall never fail.

From far and near, we gather here,
 Beneath thy tow'ring dome.
 Thy spacious halls, thy columned walls,
 Thy courts we call our home.
 Hail, hail to thee!
 Hail, hail to thee!
 Firm stand the sons of M. I. T. to cheer.
 Hail, hail to thee,
 Our Alma Mater dear.

Words by Karl R. Kennison, M. I. T., 1908

CHEERS

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!

DIRECTORY**Class Officers****1934**

President, Richard Bell
Vice-President, Robert M. Emery
Secretary, Robert C. Becker
Treasurer, E. Philip Kron
Institute Committee, H. D. Humphreys
Institute Committee, Edw. P. Bromley
Executive Committee, Proctor Wetherill
Executive Committee, W. C. Ball, Jr.

1935

President Walter H. Stockmayer
Vice-President, Donald C. Gutleben
Secretary, T. Charles Dauphine
Treasurer, Cason Rucker
Institute Committee, John B. Ballard
Institute Committee, Hal L. Bemis
Executive Committee, G. Fred Lincoln
Executive Committee, G. Peter Grant

1936

President, Philip G. Briggs
Vice-President, Michael A. Kuryla
Secretary, William B. du Pont
Treasurer, Jack I. Hamilton
Institute Committee, C. Donald Brown
Institute Committee, John C. Austin
Executive Committee, Henry Runkel
Executive Committee, F. P. Thornton

Committees

Institute Committee

President, Richard Bell
Vice-President, Gorham K. Crosby
Secretary, Joseph Seligman
Treasurer, Louis P. Holladay III
Chairman of Walker Memorial
Committee, John B. Dunning
Member at Large, H. D. Humphreys

Walker Memorial Committee

Chairman, John B. Dunning
Junior Member, E. Jansen Heizer
Junior Member, Wesley H. Loomis, 3rd

Junior Prom Committee

Chairman, Walter H. Stockmayer

Budget Committee

Chairman, Louis P. Holladay, III

Freshman Rules Committee

Chairman, Hoyt P. Steele

Dormitory Committee

Chairman, G. Kingman Crosby

Point System Committee

Chairman, H. Rees Schwarz

Elections Committee

Chairman, Halfred L. McKeever

Student Curriculum Committee

Chairman, Donald K. Lister

Publications**Technique**

General Manager, Donald K. Lister
Editor, Charles W. Bechle
Business Manager, Charles B. Stuart

The Tech

General Manager, W. R. Churchill
Managing Editor, C. S. Dadakis
Editor, W. L. Wise
Business Manager, N. B. Krim

Tech Engineering News

General Manager, Charles T. Stewart
Editor-in-Chief, Joseph L. Seligman
Business Manager, Walter F. Read

Voo Doo

General Manager, William H. Mills
Managing Editor, Robert M. Becker
Business Manager, E. Philip Kron
Publication Manager, Richard F. Bailey

The Handbook

General Manager, Cason Rucker
Editor, C. Donald Brown
Business Manager, Norman C. Moore
Advertising Manager, Ernest W. Steele

The Benchmark

General Manager, M. Jack Bernstein
Business Manager, E. Philip Kron
Editor-in-Chief, John G. Brunner

Clubs

Catholic Club

President, John J. Carey
Vice-President, Thomas M. Hayden
Senior Director, William Brockmann
Treasurer, James A. Sweeney

Christian Science Club

President, Wilbur M. Jones
Vice-President, Edward S. Fleming
Secretary-Treasurer, Gilbert G. Lorenz

Cleofan

President, Deborah Rubenstein
Secretary, Elizabeth M. Haskins
Treasurer, Phyllis M. Needham

Menorah Society

President, William Abramowitz
Vice-President, Harold Bellinson
Secretary, Benjamin Blocker
Treasurer, Leonard Shapiro

Executive Committee:

1. Paul Lappe
2. Macklen Kleiman
3. Edward Taubman
4. Ralph Woolf

Radio Society

President, Delbar P. Keily
Vice-President, Charles W. Finnigan
Secretary-Treasurer, L. B. Stein

Square and Compass

President, George Owen
Vice-President, Maj. P. H. Ottosen
Treasurer, Wolcott A. Hokanson

Commuters' Club

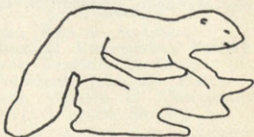
President, George P. Bentley
Vice-President, George W. Bartlett
Secretary, Frederick W. Travers
Treasurer, John P. Carey

Armenian Club

President, Antranig Mooradian
Vice-President, Victor Mooradian
Corresponding Secretary, H. Arakelian

Chinese Students' Club

President, Wing F. Lem
Secretary, Louis B. Chen Fong
Treasurer, William Dunn
Manager, Jim Eng



Activities

Technology Christian Association

President, George E. Best

Vice-President, Harvey L. Morash

Treasurer, Arthur Croxson, Jr.

Dramashop

General Manager, Charles B. Gamble

Production Manager, W W. Stueck

Business Manager, Max Wesserman

Combined Musical Clubs

General Manager, Edgar B. Chiswell

Concert Manager, Max M. Levy

Treasurer, H. William Parker

Stage Manager, Julius Stern

Business Manager, Otto Zwanzig

Publicity Manager, Ralph Woolf

The Tech Show

General Manager, John M. Hitchcock

Business Manager, Freeman B. Hudson

Professional Societies

Combined Professional Societies

President, Henry B. Backenstoss
Secretary-Treasurer, Robert C. Becker

Aeronautical Engineering Society

President, James B. Kendrick
Vice-President, Julius W. Tumavicus
Secretary, Wing F. Lem
Treasurer, Erskin R. Kelly

American Society of Mechanical Engineers

Chairman, James P. Eder
Vice-Chairman, Kenneth F. Ryder
Secretary, Charles M. Parker
Treasurer, David A. Mooney

Army Ordnance

President, E. L. Cook
Secretary-Treasurer, A. K. Deming

Associated General Contractors of America

Chairman, Bert O. Summers

Chemical Engineering Society

President, Franklin V. Cross
Vice-President, John M. Flaitz
Secretary, William L. Abramowitz
Treasurer, Leonard Shapiro

Civil Engineering Society

President, John G. Brunner
Vice-President, David Knox

Secretary, George W. Patch, Jr.
Treasurer, E. Philip Kron

Corporation XV

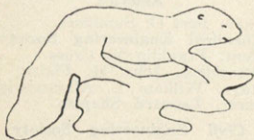
President, William Ball
Electrical Engineering Society
Chairman, Henry Backenstoss
Vice-Chairman, Gordon K. Burns
Secretary, George A. Fowles
Treasurer, Graves H. Snyder

Mining Engineering Society

President, Robert C. Becker
Vice-President, John W. Alder
Secretary, Malcolm A. Porter
Treasurer, Frank R. Hatch

Sedgewick Biological Society

President, Samuel Joel
Vice-President, Deborah Rubenstein
Secretary, Katherine Seidensticker
Treasurer, Henry Mazer



Honorary Societies**Baton**

President, Arthur L. Conn
Vice-President, DuPuy F. Cayce
Secretary-Treasurer, T. C. Daughine

Beaver Club

President, Hal L. Bemis
Secretary, Edmond H. Guerin
Treasurer, John B. Ballard

Beaver Key Society

President, Robert E. Mann
Vice-President, Ivar W. Malmstrom
Secretary, Reginald G. Murdock
Treasurer, Edward P. Bromley

Chi Epsilon

President, Theodore N. Rimbach
Vice-President, George W. Patch, Jr.
Editor of "Transit", N. P. Spofford
Secretary, John G. Brunner
Treasurer, E. Philip Kron

Dorclan

President, Philip B. Walker
Vice-President, Charles Lucke
Secretary-Treasurer, John Brosnahan

Frieze and Cornice

President, David Ballantine
Secretary-Treasurer, Gordon E. Powers

Gridiron

President, W. Randolph Churchill
Vice-President, Joseph L. Seligman
Secretary, Donald K. Lister
Treasurer, E. Philip Kron

Quadrangle Club

President, Fletcher P. Thornton
Vice-President, William B. du Pont
Secretary, Michael A. Kuryla
Treasurer, Kenneth W. Winsor

Scabbard and Blade

Captain, Edgar B. Chiswell
1st Lieutenant, William E. Coleman
2nd Lieutenant, Raymond P. Holland, Jr.
1st Sergeant, Aaron Keever Redcay

Scroll

President, Charles T. Stewart
Secretary-Treasurer, Walter F. Read

Tau Beta Pi

President, Gordon K. Burns
Vice-President, Edgar B. Chiswell
Secretary, Glen P. Woodbury
Treasurer, Henry Backenstoss

Tech Boat Club

Commodore, Charles Lucke
Vice-Commodore, Lawrence Stein
Secretary-Treasurer, Robert Emery

Track Club

President, Richard Bell

Athletics**Athletic Association**

President, H. Neal Karr
Vice-President, Walter W. Bird, Jr.
Secretary, Ivar W. Malmstrom
Treasurer, Arthur J. Manson

Track

Captain, Richard Bell
Manager, William W. Cross
Coach, Oscar Hedlund

Crew

Captain, John W. Westfall
Manager, Arthur M. King
Coach, William Haines

Cross Country

Captain, Robert E. Mann
Manager, John E. Orchard
Coach, Oscar Hedlund

Basketball

Captain, Eugene O. O'Brien
Manager, Donald C. Gutleben
Coach, H. P. McCarthy

Gym Team

Captain, John M. Flaitz
Manager, Edward Edgar
Coach, Hans Neudorf

Swimming Team

Captain, Frederick W. Vaughan
Manager, John H. Best
Coach, R. Dean

Hockey

Captain, Frank R. Milliken, Jr.
Manager, Richard Lawrence
Coach, Victor I. Duplin

Tennis

Captain, James P. Eder
Manager, Kenneth P. Brown
Coach, John H. Summers

Boxing

Captain, Proctor Wetherill
Manager, Louis F. Birchall
Coach, Thomas R. Rawson

Fencing

Captain, Arthur O. Williams, Jr.
Manager, Arthur C. Marquardt, Jr.
Coach, John Roth

Wrestling

Manager, Buckley Crist
Coach, Jay Ricks

Soccer

Captain, Edward L. Bateman
Manager, John P. Bainbridge
Coach, Edward Robinson

Rifle Team

Captain, Wilbur P. Foote
Manager, Lawrence C. Hall
Coach, Lieut. E. C. Harwood

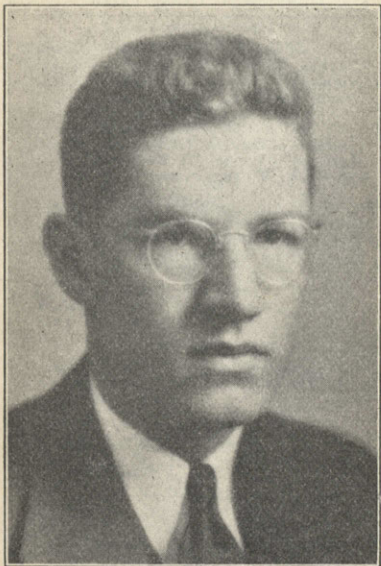
Lacrosse

Captain, Ralph N. Geil
Manager, Thomas C. Keeling
Coach, R. T. Sauerwein

Squash

Captain, David Ingalls
Manager, William M. Watson
Coach, John H. Summers





RICHARD BELL
President, Class 1934

FRESHMAN MESSAGE

To you, the class of 1937, a sincere welcome. You are now joining your brother classes in contributing to the personality that is Technology, and may your contributions be lasting.

You are faced with the problem of adjusting yourselves to a new environment. The educational facilities of M. I. T., which are among the best, undoubtedly attracted you to this institution. You are here to equip yourselves for future work, but scholastic work alone will not achieve this purpose. Ambition to succeed is often the stumbling block, for the individual forgets that he must be developed physically and socially as well as in a scholastic way.

Select your activity, whether it be in the field of sport or in the business office, and enter into it with enthusiasm. Prepare yourselves for the future properly. Do not let down in the face of obstacles, but budget your time and do your tasks well. Keep everlastingly at it.

Develop your personal manners. Learn to associate freely with your fellow men; and through this association, in your outside interests, you will make your lifelong friends.

Technology offers a multitude of interests—the classroom, the athletic field, and the various activities. Enter the life of the

Institute with enthusiasm, work hard, and you will have the essentials of a successful and happy life.

Richard Bell
President, class 1934



ACTIVITIES

T.C.A.
A.A.
T.E.N.
Voo Doo
THE TECH
TECHNIQUE



G. TRIMBLE

ACTIVITIES and ORGANIZATIONS

Committees

Institute Committee

THE control over student affairs at Technology is vested in the Institute Committee, which is composed entirely of students. As there is complete student government at M. I. T., the Institute Committee makes final decisions in all questions relating to student activities. The judiciousness of the decisions of the Institute Committee has attained for it a position of respect in the eyes of the student body.

It is a truly democratic body composed of the President and two members-at-large of every class in the Institute besides the heads of all the recognized activities. Its meetings, at which all sorts of questions are brought up, are open to the entire student body. Thus it has been recognized as the most reliable source of obtaining student opinion as well as a substantial organization for guiding student life.

Dormitory Committee

PURPOSE: To take charge of student administration of the dormitories in accordance with the general plan of student government at M. I. T. Representatives are: one senior represent-

ing each hall, and chairmen of the following committees: Dance committee, Athletic committee, Freshman committee, and Dorm Rumor committee.

Budget Committee

THE purpose of the Budget Committee is to regulate the expenditure of the undergraduate activities which are not self-supporting, of money received through undergraduate dues, and also to keep a record of the financial condition of all the activities that are self-supporting. The committee is composed of a Chairman, who is ex-officio Treasurer of the Institute Committee, and two other members, one the Treasurer of the M. I. T. A. A. and the other chosen from the student body at large by the Institute Committee.

Freshman Rules Committee

THE administration of Freshman Rules is delegated to the Freshman Rules Committee. The Chairman is a senior appointed by the Executive Committee subject to the ratification of the Institute Committee.

Junior Prom Committee

THE Junior Prom, which is the outstanding event of the Institute social year, is run by the Junior Prom Committee. The committee consists of five members elected at the annual Fall elections, and is presided over

by the Class President. Last year, the Prom was held in the main hall of Walker Memorial, on March 17th. In spite of the adversity of present economic conditions and even the banking moratorium, which happened during the week of the Prom, the committee was able to offer to the hundred and eighty guests the most successful Prom in recent years. The most popular item was the music, furnished by Bert Lown and his Park Central orchestra. Under the dreamy spells of Lown's creations, our young engineers forgot their worries about Triple E, and 2.20, and joined the Hedonics in cheering that it is a privilege to be alive.

Point System Committee

THE purpose of the Point System is to prevent an undergraduate from undertaking too many activities to the detriment of himself or any of the activities. The committee consists of a senior chairman who is a member of the Institute Committee, and three assistants.

Student-Faculty Curriculum Committee

THE Student-Faculty Curriculum Committee has for its function the consideration of constructive criticisms on methods of instruction and individual subjects. The Committee consists of a faculty group headed by a chairman appointed by the President, and a student group headed by a chairman.

who is already a member of the Institute Committee. The two groups meet to discuss and take action on the student curriculum problems. The student members all represent different courses, and in this way diversified contact is maintained with the student body.

Walker Memorial Committee

THE Walker Memorial Committee has care of the Walker Memorial and the Naval Hangar Gymnasium. This student administrative body has the responsibility of enforcing the house rules of Walker Memorial, of controlling the publicity campaigns that take place on the Institute grounds, of supervising the meetings of organizations held in the building, and of assigning rooms in Walker Memorial and the Hangar Gymnasium. These duties are executed in such a manner that the facilities are put to the uses most advantageous to the largest number of students.

By placing the control of Walker Memorial in the hands of the students, the Administration has enabled the undergraduates not only to profit by the many opportunities for recreation offered in Walker Memorial, but also to share the pride and sense of responsibility of ownership.

Publications

Tech Engineering News

IN the fourteen years of its growth, Tech Engineering News, the undergraduate engineering magazine of Technology, has gained the reputation of being the foremost publication of its kind in America. Written in part by prominent engineers and professors, and in part by students, it is edited and financed entirely by undergraduates. The articles it presents are timely, well written, and cover a wide range of interesting subjects.

The Editorial Department, headed by the Editor-in-Chief, solicits manuscript from the authors, edits it, and prepares it for publication and printing. Those students who show ability to write are given the opportunity to prepare articles, if they so desire. Valuable experience is to be gained from the contacts with prominent professional men which members of the editorial department make in this work. Training in the use of technical and non-technical English, so valuable to the engineer, is an important phase of the program of the Editorial Department.

The Business Department includes circulation, advertising, the treasury, and general relations with the business world. The standards of business practice maintained are modern and efficient. Office

management, modern accounting practice, and contacts with important business concerns make the work of the Business Department excellent training for every member.

All those interested in T. E. N. staff competitions are invited to visit the offices in the basement of the Walker Memorial.

The Tech

THE TECH has been the official undergraduate newspaper of Technology since its founding in 1881.

Its object is to present to the undergraduates, faculty, and alumni all news pertaining to the Institute and the undergraduate life in an interesting manner, and at the same time give expression to student and public opinion through its editorial columns.

The paper is published two times a week. Its organization is run on a competitive basis, giving any Freshman an equal chance of gaining a managing board position in his Senior year.

A man coming out for **The Tech** finds a widely varied field open to him in the news and business divisions of the paper. The former covers work of reporters, of editors in the actual work of getting the paper ready for the press, of editorial writing, and of photographic work. The business division gives the men practical experience in the selling of advertising and the treasury and circulation work. Be-

ing a news publication, **The Tech** has an interest in every affair at Technology and consequently the men on it get a more intimate knowledge of the undergraduate life than they might in any other activity.

Realizing the value of the work of newspaper writing, the English Department started in the fall of 1930 a course in Journalism open to Freshmen on **The Tech**. In order to take advantage of this course Freshmen are urged to come out for the paper early in the term, and by doing so a candidate can enter in a regular competition. A mass meeting, the date of which is to be announced, will be the starting point of the fall competition for those men interested.

Technique

THE Technique is the Institute year-book. It is a permanent record of all undergraduate activities—both formal and informal—for the year preceding its publication.

The men coming out for the **Technique** have a large field from which to choose their work. Not only does the literary side develop one's vocabulary and writing ability, but also considerable practice is offered in the photographic and circulation departments. The editor has charge of collecting all statistical data, checking, and proof reading.

Technique sponsors two annual campus events. The first is the **Technique** Rush, a free-for-all tempered only by traditional

rules and ceremony. Ten Techniques go to the victors. Everyone participates in this event which takes place on Open House Day at which time the book is distributed and the new board is announced. The second event that **Technique** sponsors is the presentation of the **Technique** award. The award, a cup, is presented to the outstanding trackman of the year.

Competition for positions on the staff begins in the fall with academics and is open to everybody. Our office on the third floor of Walker Memorial is open to you for any other information.

Voo Doo

PHOSPHOROUS is the best friend of every undergraduate at Tech. He has just rounded out eleven years of mirth-making and his crazy antics have continued to receive the approbation and plaudits of the student body. Each year a little better, **Voo Doo** has well earned the position it holds nationally among college comics.

Voo Doo has advantages to offer perhaps a little different from any other activity at Tech. Published by men who are not overly burdened with the responsibilities of life and supported by an enviable income from a large student circulation, it is no wonder that the social side has assumed a prominent part. So besides the experience gained by work, the man on **Voo Doo** has a real opportunity to make pleasing and lasting friendships and mix a

reasonable amount of play with the work.

There is, however, work to be done in getting out the eight numbers every year. The magazine is published by a Senior and Junior Managing Board. The Board is assisted by departmental staffs and candidates for Board positions.

The management is divided into three departments: the art, literary, and business departments. The art and literary departments offer a broad field of activity for those with a special aptitude along literary and art lines. Men with ability to draw cartoons, sketches or designs, will be sure to find a place on the publication. The business department is sub-divided into three smaller departments where men can confine their activities to publicity, circulation and advertising.

Candidates are welcome to the **Voo Doo** office at any time, but the regular competition starts the first few weeks of the fall term. Men with artistic, editorial, humorous or business ability will find **Voo Doo** an activity abounding in interesting and entertaining work.

Activities

Dramashop

THE Dramashop's purpose is to give those students who are interested in dramatics an opportunity to produce plays. The organization is supported entirely by receipts from public performances. One play is produced each term and usually has three public performances. The type of work which is given by the Dramashop may be indicated by some of the past productions. The first play to be performed was Eugene O'Neill's "The Hairy Ape" and was followed by such plays as "Marriage" by Nicolai Gogol, "The Show-Off" by George Kelley and "Mr. Antonio" by Booth Tarkington.

The work of the Dramashop is varied enough to offer an opportunity to anyone interested. All the positions in both the cast and management are competitive. Tryouts for parts in the coming productions are held at the beginning of each term. Announcements of tryouts appear in **The Tech** and those interested in acting should come to these tryouts. Those interested in work on the stage or in the business department will find a place in the management. Here there is place for those who wish to work on the properties, lighting or scenery in the production department; and for those interested in publicity, advertising and the many other

business details in the business department. Those interested in this work should report to the Dramashop office on the third floor of Walker Memorial at the beginning of the Fall term.

Tech Show

TECH Show is an organization which consists of some one hundred students who enjoy themselves in the perfection of a show of the revue or musical comedy nature, which is annually presented during Junior Prom weekend.

Early in the fall the actual show is chosen and immediately a call for the cast and chorus is issued, and work on scenery and props is begun.

Freshmen and sophomores are invited to attend the Tech Show Smoker which takes place early in the fall. Here they learn about the show and become acquainted with the present staff. All positions on the management, as well as the cast and chorus, are obtained wholly by competition and undergraduates are urged to come out for show work. The scope of the show is such that positions of all kinds are available. One may try for a place on the cast or chorus, write music or skits, design and make scenery or costumes, work in the publicity, stage or program department, or play an instrument in the Tech Show orchestra which accompanies the show. The Tech Show poster contest which is held during the latter part of the fall offers an opportunity for artists to win show

tickets. Erstwhile poster printers may also find an outlet for their energies in the publicity department.

Candidates are more than welcome in whatever department they may desire to work, and should report to the Tech Show office on the third floor of Walker Memorial on as soon after the beginning of school in the fall as possible.

Combined Musical Clubs

THE Combined Musical Clubs consist of the Glee, Instrumental, and Banjo Clubs. The "Techo-tonians," a well-known dance orchestra in Boston, is also a member of the organization. This will be the forty-second season since the clubs were united into one organization. During school year concerts were given in various schools, clubs, and other social centers around Boston. Short trips are also taken to nearby towns, excursions which are always enjoyed by those participating. Coaches are engaged for all the clubs and all members have the benefit of expert assistance.

The Christmas Concert and Dance and the Spring Concert and Dance, given about the end of April, are two of the outstanding social events of the Institute year. Last year the Clubs also introduced a concert earlier in the fall, soon after the opening of school.

The Management of the Clubs consists of two seniors, the General Manager, and the Concert Manager, and four junior po-

sitions, Stage Manager, Business Manager, Publicity Manager, and Treasurer. Any number of freshmen and sophomores are allowed to compete for those positions. Competitions are opened at the beginning of the fall term.

The Musical Clubs offer a great deal of social life to the members. Many of the concerts are given at the various girls' schools located in Boston, and usually the concerts are followed by dancing for the entertainment of the men in the clubs. Furthermore, the acquaintances that are made with the men in the clubs are of great benefit to the new student. The musical training, and the business training for those in the management, is also very valuable.

Combined Professional Societies

- Aeronautical Engineering Society
- Association of General Contractors
- Army Ordnance Association
- Chemical Society
- Civil Engineering Society
- Corporation XV
- Electrical Engineering Society
- Mechanical Engineering Society
- Mining Engineering Society
- Sedgewick Biological Society
- Society of Automotive Engineers

THE Executive Committee of the Combined Professional Societies was formed in 1921 "to promote general interest in Professional Societies and in their purposes, and to bring the officers of the various societies into closer contact for the exchange of ideas and co-operation on matters pertaining to the societies."

This exchange of ideas and co-operation is accomplished in regular semi-monthly meetings in which general policies applying to all the societies are outlined and all matters of interest to the societies as a group are discussed.

Although Open House Day was originated by the Combined Professional Societies, the Faculty soon took over the responsibilities for this function and has been in charge every year except the last, when the Combined Professional Societies again took the lead.



Clubs

Armenian Club

The M. I. T. Armenian Club was organized in 1927 in order to bring together Technology students of Armenian race. Its scope is both educational and social. It tries to maintain a fund from which to aid financially worthy Armenian students at Technology. Its annual activities are a banquet, public meetings, dances, and a dramatic presentation. It is affiliated with the Armenian Scientific Association of America.

Catholic Club

The Catholic Club was organized with the purpose in mind of bringing together the Catholic students at Technology. It is a branch of the National Federation of Catholic Clubs, and is similar to the many other Catholic Clubs which are found in most colleges throughout the country. It is a social organization, having several supper meetings during the year which are addressed by prominent men. Last year it held four dances, which proved to be very popular.

Cleofan

Cleofan is a social club for the women students at Technology. Its purpose is to aid women students in becoming acquainted with the Institute and with one another.

All new women students at Technology will be welcomed by Cleofan at the Margaret Cheney Room (10-300) on the third floor of the main building.

Commuters Association

The Commuters' Association, a new organization at Tech, was formed last year for the purpose of bringing the commuting students together in social and fraternal contact, and to interest them in undergraduate activities. Membership in the Association is open to all students who do not live in the dormitories or fraternity houses. The Association will foster such activities as will aid in carrying out its purpose. Several luncheon meetings and dances are planned for the coming year, which should prove very popular. In addition to this, local clubs will be formed in the surrounding cities and towns having commuters. There will be competition in the form of a bowling league, baseball or other activities between the local clubs. It is planned that the local clubs will have activities of their own such as small dances, friendly gatherings and athletic contests. Last year the organization had a moonlight sail aboard the "Mayflower" which proved extremely popular.

All these social contacts will help in giving the Commuters an opportunity to meet fellow students, and to provide an interest for them in undergraduate activities. All freshmen commuters are urged to join

this organization and to make every effort for its success.

Liberal Club

The M. I. T. Liberal Club, one of Tech's youngest organizations was founded in October, 1928, with the purpose of presenting to engineering students, subjects of a liberal and non-scientific nature. Its aim was to enroll within its membership those students who were interested in hearing lectures on matters of contemporary interest in the fields of political education, philosophy, letters, etc., and in listening to and discussing these subjects with the attitude of a true Liberal. The motto of the club, serving perhaps as a definition of a Liberal, is "to be never neutral but always impartial".

Menorah Society

The Menorah Society's primary purpose is to foster closer relationship among the Jewish students of the Institute. An invitation to join is extended to all.

Radio Society

The M. I. T. Radio Society is an organization for the purpose of allowing those students who are interested in radio to continue their hobby while at the Institute. The Society is an affiliated club of the American Radio Relay League and is entitled to participate in all League activities.

All members who hold amateur operator's

licenses are entitled to operate the Society's station, WIMX. The radio "shack" is located in a small building between the track house and the hangar gymnasium. At present there are three crystal controlled transmitters operating in the twenty, forty and eighty meter bands, respectively. The eighty and forty meter sets have a power output of two hundred and fifty watts while the twenty meter transmitter has a capacity of one hundred and fifty watts. Provision has been made for the use of this transmitter in the twenty meter radio telephone band. The transmitters are all panel mounted and can be operated simultaneously or separately at will from the operator's position.

Speakers on topics of general interest address the society at the regular meetings, notice of which appears in **The Tech** on the Radio Society bulletin board and near room 10-250.

Square and Compass

The Square and Compass Club is a social organization for Master Masons at Technology.

Honorary Societies

Alpha Chi Sigma, Honorary chemical fraternity. Members picked from the chemical courses.

Baton, Honorary Society of the Musical Clubs. Membership extended to those who have rendered exceptional service to the Clubs.

Beaver Key Society, The duty of this organization is to act as official host to visiting athletic teams. Members consist of twelve managers, athletes, eight men from other activities. Six members elected from the Junior class.

Beaver Club, Junior Honorary Society. Members chosen from the activity highlights of the Sophomore Class.

Chi Epsilon, National Honorary Civil Engineering fraternity for juniors and seniors who are scholastically in the upper third of the class.

Dorclan, An Honorary Society for upper classmen in dormitories. Its purpose is to further dormitory activities and aid all undergraduate Institute proceedings.

Frieze and Cornice, Honorary Architectural Society. For Honor men in the school of architecture.

Grogo, The Honorary Society of Technique. Membership awarded for exceptional service on the managing board.

Hexalpha, Honorary Society of Course VI-A. This society serves as an executive committee for undergraduate activities in this course.

Osiris, Honorary Senior Society. Members chosen because of their exceptional service to the undergraduate affairs of the Institute.

Cridiron, Local honorary journalistic society devoted to the advancement of journalism at Technology. Members are selected from outstanding representatives of the four major publications.

Quadrangle Club, Sophomore-Freshman Society. An organization to promote closer relationships among the under-classes. Members chosen from the activity highlights of the Freshman Class.

Scabbard and Blade, National Military Fraternity choosing its members from the students in the advanced R. O. T. C. courses.

Scroll, Honorary Society of the Tech Engineering News. Its members are chosen from the managing board of this publication.

Tau Beta Pi, A national honorary fraternity for engineering schools. The highest award attainable at Tech. Picks its members on a scholastic basis with activity requirements.

Tech Boat Club, Crew Honorary Society. Members are chosen for their part in the

advancement of rowing at the Massachusetts Institute of Technology.

Track Club, Honorary track society. Members are chosen for their part in furthering the cause of track at the Institute, and in recognition of their faithful work and interest in track.

Walker Club, Senior Social Club. Members chosen from the activity highlights of the Junior Class.

Woop Garoo, Honorary Society of Voo Doo. Chooses its members for service on the board of this publication.



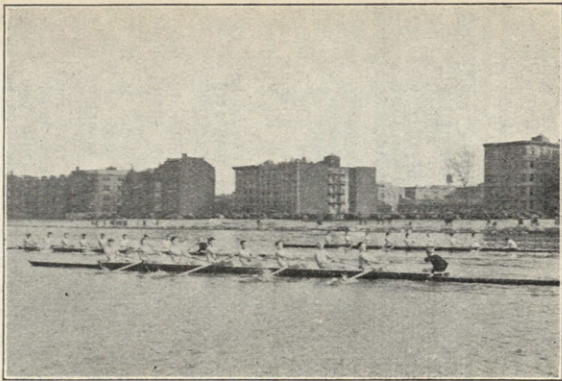
Athletics

M. I. T. A. A.

THE M. I. T. Athletic Association consists of the captains and managers of recognized athletic teams at the Institute, together with the Publicity Managers, and the three undergraduate members of the Advisory Council on Athletics.

At Technology, the athletics are under the direct control of the students and not under a paid athletic director as in the case of many other colleges. The Athletic Association's function is to promote and supervise athletic interests at the Institute. Inasmuch as the M. I. T. A. A. has supervision over athletics at Technology, the managers and assistant managers of all athletic teams are directly responsible to that body.

Anyone who desires to enter the managerial competition of any sport should report at the opening of school to the manager of that sport at the M. I. T. A. A. office on the third floor of Walker Memorial Building. The managing of a sport offers excellent opportunity for those not athletically inclined to become connected with some sport and thereby make an enjoyable association with that team. Those who enter the competition for manager in their Freshman year continue until the Varsity manager is chosen in the



CREW RACE

Junior year. There is also opportunity for Sophomores to enter the competition and be chosen as manager in the junior year.

The Executive Committee of the M. I. T. A. A. awards all class numerals and passes upon and recommends all other insignia awards to the Advisory Council on Athletics, which awards them. Besides the regular sport awards, the "Straight T" is given to athletes of outstanding ability. The "Straight T" is also usually awarded to the Varsity Track Team and to the Varsity Crew.

Crew

THE object of the Technology Crew has always been to give the maximum number of men an opportunity to participate in a healthful sport and to develop Varsity crews of recognized ability in intercollegiate competition. Coach William Haines, who for many years has coached all of the Technology Varsity crews, is now assisted by a staff of young men of recognized rowing ability, so that now there are separate coaches for the Varsity, Freshman, and 150-pound crews. Now each crew gets individual attention, and Coach Haines is able to devote his whole time to the development of the two first Varsity crews. Moreover, this is a sport which everyone can go out for. If one weighs over 160 pounds there are the Freshman Heavies, the Varsity and the Junior Varsity. For men less than 155

pounds, there is the 150-pound Freshman and Varsity crews, and for those less than 120 pounds there is the position of coxswain on any crew.

Practice begins for all candidates immediately at the beginning of the school year at M. I. T. Boat House, which is a short distance up river from the Institute. The Freshmen and Sophomores begin organized practice for the Field Day race which is held the first Friday in November. The Varsity Squad also begins practice, which continues on the river until cold weather drives them in to work on the rowing machines in the boat house. The Freshman and Varsity squads both work on the machines during the winter in preparation for spring practice. As soon as possible in the second term, the squads go out on the river in lapstreaks, and finally in the shells.

In the past years, crew has proven itself to be one of the most popular sports for incoming freshmen. It may be substituted for the required physical training. The size of the squad is never diminished; each man who comes out for crew is assured of recognition and the opportunity of rowing in a shell.

The boathouse is adequately equipped to take care of over one hundred and fifty men. There are separate locker rooms and showers for the Varsity and Freshmen crews. The new equipment, purchased each year, usually includes one or two shells and sets of oars.

Track

TRACK is one of the Institute's major sports and maintains a squad of 200 throughout the school year. Technology is fortunate in having a good twelve lap board track and also a quarter mile cinder track with 200 yard straight-away. After Field Day, track work may be substituted for Freshman Physical Training for the entire twenty weeks which P. T. covers. A prize competition lasting throughout the season is held for those making this substitution.

During the winter season Varsity and Freshman teams participate in many of the indoor meets, including the K. of C., B. A. A., American Legion at Boston, the Millrose games at New York, and the I. C. 4A. games. In addition, the Varsity and Freshman teams compete in dual meets with other colleges and some of the preparatory schools around Boston.

The spring season begins in April with the Annual Interclass Meet, which was won this year by the Freshmen. The Varsity meets the leading Eastern colleges besides competing in the N. E. I. C. A. A., the I. C. 4A. and the Penn Relays. The Freshman team meets many of the preparatory schools' and colleges' Freshman teams in New England.

Members of the track squad are also offered an opportunity to compete in the several handicap and novice meets which are held throughout the year. Thus every-



RICHARD BELL, '34.
Making Institute Record in 220-Yard Dash—21 4-5 Sec.

one out for Track is given the advantage of competition regardless of his ability.

Since practice for the Field Day relay teams (both Sophomore and Freshman) begins directly after Registration Day, Coach Hedlund wishes to see all candidates at the track house as soon as possible after school begins.

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. As might be expected, most of the cross country runners are regular track men who take advantage of this opportunity to train for the distances.

Practice begins directly after the opening of school in the fall and continues until the last of November. All men out for both the Varsity and Freshman teams should report to Coach Hedlund at the track house as soon after registration day as possible.

The season generally consists of five meets, three dual meets, the N. E. I. C. A. A. and the I. C. A. A. A. A. This schedule includes several trips.

Basketball

BASKETBALL is one of Technology's leading winter sports. Both Varsity and Freshman teams are maintained under the supervision of a competent coaching staff. The Varsity meets the leading colleges of the East, while the Freshmen play the prominent preparatory schools and college Freshman teams of New England.

A call for all men interested in basketball is made soon after the opening of the school year. Practice for both Varsity and Freshmen begins immediately after Field Day, with the first scheduled games being played about the middle of December. The season terminates about the first of March.

Freshmen may substitute basketball for the required physical training. There are also openings for four live Freshmen for the managerial staff.

Gym Team

GYM, which has become one of the more popular collegiate winter sports, has completed a very successful season at the Institute. The team is fortunate in having for practice Walker Memorial Gym, which is one of the best equipped in collegiate circles.

Last season a freshman team was organized and allowed to participate in several meets. Proving itself to be very worth while, freshman gym will continue

to promote better men for the varsity because of individual attention offered.

Candidates may substitute gym for the compulsory physical training as practice begins immediately after registration and continues into the second term.

Swimming

THE past several seasons have shown that swimming can be successfully conducted as an all-year sport and candidates can now devote both terms to it. The first call for Varsity and Freshman material will be made immediately after Field Day. Previous experience is by no means necessary for some of Technology's best swimmers and divers have developed from inexperienced men. Each candidate is given individual attention by the coach in his own event. Practice will be held in the excellent University Club pool three times each week.

The Freshman Team meets 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.

Hockey

THE men interested in a real active sport will find in hockey a most attractive proposition. The interest in hockey has been rapidly increasing and it ranks now as the most popular sport of the country. Both schedules in-

clude several trips. The teams are coached by a high-grade professional. Practice, which begins soon after Field Day, is held at the Boston Arena, which affords an excellent opportunity for development of the teams.

The Freshmen are enabled to learn the game in preparation for the Varsity in coming years, while at the same time they may win their class numerals. The competition for managerial positions is open to all Freshmen.

Tennis

THE management arranges a Fall Tournament for all those in the Institute. The winner of this tournament receives a replica of the Fall Tournament Cup, upon which his name is inscribed.

Freshman squad begins practice on the courts behind "The Coop" in the spring as soon as the weather permits. The Varsity, which practices at the Oakley Country Club in Belmont, has matches with the leading Eastern colleges besides entering the New England Lawn Tennis Association matches, which are held at the Longwood Cricket Club each year. The Freshmen meet the best college freshman and preparatory school teams in New England.

Boxing

BOXING, one of the Institute's youngest sports has, in the eight years since its establishment, become one of our most popular forms of athletics. Practice begins directly after Field Day and is held in the Hangar Gymnasium. The coach is desirous of seeing all candidates at the first practice in order to begin at once with the work.

The Varsity team meets the leading Eastern colleges besides competing in the Intercollegiates. The Freshmen have matches with many freshman and preparatory and high school teams.

Under the Coach's direction, the candidates obtain an excellent opportunity to develop and quicken both mind and body and find boxing a real man's sport.

Fencing

FENCING is one of the popular winter sports at the Institute. It is a sport which will develop co-ordination of mind and muscle as well as give much enjoyment to the participants. Practice, which is held in Walker Memorial Gymnasium, begins directly after Field Day and continues until April. All candidates should report to the coach at the first practice in order that the team may obtain an early start. Work includes practice in the foils, epee, and sabre.

The Varsity meets the better Eastern colleges while the Freshmen fence the lead-

ing freshmen and preparatory and high school teams.

Those desiring to compete for positions on the managing staff, may do so by leaving their names in the A. A. office directly after the opening of school.

Wrestling

WRESTLING has now become one of the most important sports at Technology, keeping pace with the growth in its popularity all over the country. Both the Varsity and Freshman teams meet some of the best schools in the East.

Wrestling offers a variety of opportunities as there are eight weight classes, ranging from 118 pounds to unlimited. Everyone can find a suitable place for himself. Experience is not essential for the coaching is arranged to teach fundamentals. The substitution of this sport for the required physical training not only offers an enjoyable exercise, but also is of great assistance in all-around physical development. Practice begins directly after Field Day and is held in the Hangar Gym.

Soccer

SOCCER, in its ninth season of supporting a varsity team is one of the most popular fall sports at Technology. Practice begins about a week before school opens and leads up to the first game of the season with increasing intensity. Spring practice, of a light

nature, is held during April and May in order to line up material for the coming season. One or two practice games are usually arranged. The new field in back of the "Coop" has been put into condition and is one of the finest fields in New England. The coach is one whose interest and enthusiasm are second only to his ability to produce winning material in the form of a team.

Rifle Team

THE range facilities provided at the Institute are excellent and rifle shooting is one of the coming winter sports at Technology. The team is a member of the National Rifle Association and of the Intercollegiate League which is sponsored by the N. R. A.

The varsity schedule includes the best teams in the East while the Freshmen have a similar schedule with the best freshman and preparatory school teams. The R. T. R. is awarded to members of the varsity as well as the T-crossed rifles to certain high standing men of the Intercollegiate Team. Members of the freshman team receive class numerals.

The first call for candidates will be issued about the first of November and practice, which is held at the rifle range near the cinder track, will continue through the winter until the last of March.

Women's Rifle Team

THE team recently organized, is sponsored by the Military Science Department and coached by members of the Varsity Rifle Team. All women students are eligible. Practice periods are held twice a week throughout the season. Matches with teams of other colleges are expected to be held next year.

Lacrosse

LACROSSE, a new sport at the Institute, was granted official recognition in 1930. The Varsity schedule includes the best teams in the East while the Freshman schedule is arranged with college freshmen and preparatory school teams.

Lacrosse is a fast and interesting game of Indian origin. There are twelve men on a team. The coach is desirous of having as large a Freshman squad as possible for future varsity material.

Coaching in handling the stick and the fundamentals of the game will be given during the fall to prepare inexperienced men for the squads when they meet in the spring.

Golf

AS the aim of the Institute is to provide a sport for everyone, a golf team is included among the many other athletic teams at Technology. Golf is a sport which one can always find

enjoyable, from college days until long whiskers and rheumatism. It is a sport which is very popular with business men. This is another advantage, for it offers an opportunity for you in later life to associate with the big boss on the links. Moreover, many a business deal is made on the golf course.

At Technology, the golf team is very fortunate in obtaining the use of the links at a nearby country club. Those interested in golf should see the manager at the M. I. T. A. A. office (located on the third floor of Walker Memorial) as soon after the beginning of school as possible in order that fall practice may begin at once.

Squash Racquets

HERETOFORE the game of Squash Racquets has been played almost entirely in the more exclusive private clubs. Recent introduction of it to collegiate circles has caused its popularity to spread like wildfire, since it is a sport which can be played regularly in later life.

Technology is fortunate in the possession of a large number of fine courts and the services of a four times National Professional Champion as coach. His services are available to any player in the Institute.

A fine schedule of matches is played with leading clubs from around Boston as well as the outstanding college teams, the season's span being from about December to March. In the All-Technology Tournament

during the winter for the Emerson Trophy beautiful cups go to the winners.

It is a good plan to drop around at the Squash Courts any day and see the matches or talk to the coach, so as to get going early for the Freshman squad's winter season.



Massachusetts Institute Track Records

Event	M.I.T. Record	Holder	Year Made	N.E.I.C.A.A. Record	I.C. 4A Record
100-yard dash	10 s.	R. Bell	1932	9 4-5 s.	9 2-5 s.
220-yard turn	22 s.	C. W. Gram	1909	22 s.	
220-yard straight	21 4-5 s.	R. Bell	1932	21 2-5 s.	20 9-10 s.
440-yard run	50 s.	D. P. Jeppe	1924	48 2-5 s.	47 2-5 s.
880-yard run	1.55 s.	G. J. Leness	1925	1.54 2-5 s.	1.52 1-5 s.
1-mile run	4.24 4-5 s.	R. G. Brown	1915	4.18 3-5 s.	4.14 2-5 s.
2-mile run	9.28 3-5 s.	J. E. Kearns	1932	9.28 s.	9.22 s.
120 high hurdles	15 1-5 s.	Steinbrenner	1927	14 3-5 s.	14 2-5 s.
220 low hurdles	23 9-10 s.	Steinbrenner	1927	24 s.	23 3-5 s.
Shot put	44 ft. 1 in.	B. Grondal	1931	49 ft. 10 1-4 in.	52 ft. 1-4 in.
Hammer throw	158 ft. 6 in.	G. G. Dandrow	1921	171 ft. 1 in.	181 ft. 6 1-4 in.
Discus throw	128 ft. 3 3-5 in.	M. Gray	1928	148 ft. 11 in.	163 ft. 7 3-8 in.
High jump	6 ft. 5-8 in.	C. E. Coon	1930	6 ft. 1 5-8 in.	6 ft. 5 3-4 in.
Broad jump	22 ft. 9 1-8 in.	W. F. Wrigley	1932	23 ft. 10 1-4 in.	25 ft. 3 1-2 in.
Javelin	193 ft. 4 4-5 in.	J. R. Robertson	1931	199 ft. 7 1-2 in.	220 ft. 11 1-4 in.
Pole vault	12 ft. 9 in.	L. M. Sanford	1925	13 ft. 8 in.	14 ft. 1-2 in.

Freshman Track Records

Event	Holder	Year Made	Record
100 yards.....	J. S. Weibe, '27.....	May 27, 1924	10 1-5 s.
220 yards.....	R. Bell, '34.....	April 11, 1931	22 2-5 s.
440 yards.....	A. D. Smith, '23.....	May 15, 1920	50 3-5 s.
880 yards.....	F. L. Plaistead, '23.....	May 15, 1920	2 m. 1 2-5 s.
1 mile.....	C. W. Hall, '34.....	April 25, 1931	4 m. 33 4-5 s.
120 high hurdles...	S. T. Johnson, '36.....	May 24, 1933	16 1-5 s.
220 low hurdles...	S. T. Johnson, '36.....	May 24, 1933	25 2-5 s.
High jump.....	C. E. Coon, '33.....	Feb. 22, 1930	6 ft. 5-8 in.
Broad jump.....	S. T. Johnson, '36.....	May 24, 1933	22 ft. 2 1-2 in.
Pole vault.....	T. Dixon, '35.....	April 30, 1932	11 ft. 3 1-4 in.
12-pound shot.....	B. Grondal, '31.....	April 21, 1928	47 ft. 2 in.
12-pound hammer...	F. Glantsbert, '27.....	May 3, 1924	162 ft. 4 in.
Discus.....	P. Hardy, '31.....	May 2, 1928	125 ft. 6 in.
Javelin.....	J. A. Robertson, '32....	May 24, 1929	167 ft. 3 in.

Technology Christian Association

Foreword

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 her highest ideals. There is no membership fee, but every undergraduate and faculty member is given a chance to contribute at a certain time once a year. The Advisory Board maintains the secretaries and office assistants, and advises regarding the organization's policy. Active direction of the Association's affairs, however, is in the hands of the Executive Committee and Cabinet. The latter consists of twenty-two men who have come out for the organization during their freshman and sophomore years. In addition last year over three hundred volunteer workers took part in the work.

Advisory Board

Percy R. Ziegler, '00, Chairman; Horace S. Ford, Treasurer; Leicester F. Hamilton '14, Walter Humphreys '97, Col. Frank L. Locke '86, Rev. Sidney Lovett.



GEORGE E. BEST
President, Technology Christian
Association

Executive Committee

- President, George E. Best, '34
Vice-President, Harvey L. Morash, '35
Treasurer, Arthur Croxson, Jr., '35
General Secretary, Wallace M. Ross
Employment Secretary, Pennell N. Aborn
Religious Division, William C.
Schumacher, '34
Office Division, James R. Craig, '36
Service Division, G. Peter Grant, '35

Religious Division

William C. Schumacher, '34, Manager

Deputations

Gordon C. Edwards, '35

During the past two years, this division of the T.C.A. has been reorganized to establish as our chief purpose the sending of delegations to various churches in the vicinity of Boston. These student groups mingle with the young people of the church and present some of the better aspects of college life. The department often receives requests for students to speak at Y. M. C. A.'s, churches and preparatory schools.

Church Relations

John V. Sharp, '36

The T. C. A. does not aim to set up a definite religious organization, but rather to have its organization be an ally of the churches. The Church Relations department hopes to assist students who so

desire to become student members of churches. This department further desires to be of assistance to the student groups by helping them to meet the students of their faith, by obtaining faculty members to speak and, in general, to help the church in making relations with the student body.

Foreign Students

James H. Schipper, '36

It is said that the Institute has the distinction of having the second largest number of foreign students of any institution in this country. Last year 207 were in attendance from 51 different countries. It is the object of this division to serve in the capacity of "big brother" to all foreign students. Personal interviews and group get-togethers help to bring these students into closer contact with the rest of the Institute.

Boys' Work

Donald E. Henshaw, '36

The T. C. A. Boys' Work department attempts to interest Tech men, particularly the freshmen, in leading boys' clubs in settlement houses, Boy Scouts, etc. in Greater Boston. College men represent a different world which will greatly influence the characters of the boys, inspiring in them high ideals and ambitions, and thereby performing the greatest social service. Volunteers get from this interesting work first-hand experience in developing

leadership qualities, an insight into modern social problems, and the immense satisfaction of helping others.

Conferences

W. C. Schumacher, '34

The objective of the department of Conferences is to promote individual development on the part of the delegates and to adequately represent Technology at intercollegiate gatherings. The most important of these is the Northfield Conference, so called from its origin at Northfield, although recently it has been taking place at Deerfield, and in 1933 at Camp Beckett. In addition to this, there are held throughout the year numerous smaller conferences, some supplementing the Northfield conference of June and others independent of it.

Office Division

James R. Craig, '36, General Manager

Information and Social Work

William P. Anslow, '36

Your first contact with us will be through the information cards which are included in your registration material. The rack of railroad timetables and the care of the T. C. A. bulletin board completes the information department.

The social work is in the form of entertainment which is given, on request, to social organizations in and around Boston.



WALLACE M. ROSS
General Secretary Technology
Christian Association.

At our instigation, "The Tech" has been printing the list of those confined in the Infirmary. Also we annually subscribe to a number of magazines for use of those who are ill.

A list of the available rooms in Greater Boston is filed in the T. C. A. office, and we shall be glad to be of service to anyone regarding them.

Book Exchange

John A. Kleinhans, '36

The T. C. A. maintains a book exchange where students may leave second-hand books, drawing boards, instruments, etc., for sale at two-thirds the original price paid. Here may be purchased many books required by courses at the Institute.

Ticket Service

W. McKie Wing, '36

A ticket service has been maintained by the T. C. A. for the past three years. Tickets may be obtained for all theatres at box office prices, thus saving the student the trouble of going to Boston to the respective theatres for them. This service runs with no profit. Patronized by many students, we filled over two thousand orders in the past two years.

Before the Christmas holidays and other school vacations, the different railroads and steamship companies send agents to the T. C. A. office to sell tickets to the students.

Advisory Board Solicitation

Matthew N. Hayes, '36

Overhead in the form of salaries for direction of the work comes from a mail solicitation of faculty, corporation, some parents, and some alumni. This department has charge of sending out letters to the above mentioned group.

Advisory Board Receipts

Frank L. Phillips, '36

Money received from the letters sent out comes directly to Horace S. Ford, treasurer of the Advisory Board. Records of the names of the donors, and of the amounts received are kept by the Advisory Board Receipts division.

Service Division

G. Peter Grant, '35, Manager

Handbook

Cason Rucker, '35, General Manager

C. Donald Brown, '36, Editor

Norman C. Moore, '35, Business Manager

Ernest W. Steele, '36, Advertising Manager

This is the thirty-seventh year that the T. C. A. has published THE HANDBOOK. This year's edition is changed in many details, making a more attractive book. THE HANDBOOK is sent to all Freshmen and transfers about September 1st, and is sent to upperclassmen on request.

Freshman Camp

G. Peter Grant, '35

Freshman Camp offers the incoming class the only orientation program at Technology. During the pleasant weekend, the Freshmen are introduced by the respective heads to all the leading activities and sports. A more detailed account has been rendered in a preceding article.

Tech Cabin

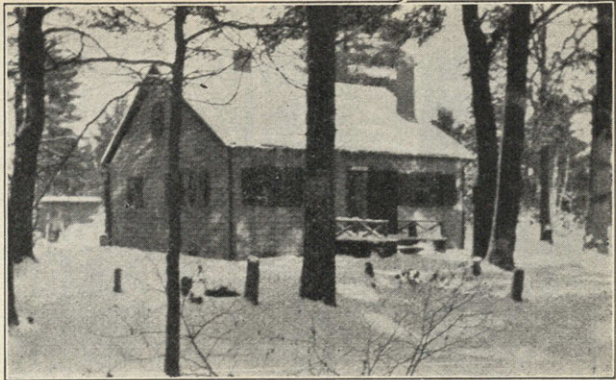
Richard S. Mabee, '36

Tech Cabin, accommodating thirty people, was built at Lake Massapoag, 36 miles from Tech, at a cost of approximately \$6,000 by the T. C. A. Each fall the Cabin is used as headquarters for the Freshman Camp, and during the school year it is used by numerous Tech organizations and students. During the past year about 600 people, most of whom were Tech students, enjoyed week-ends and holidays there. Tech Cabin may be reserved for any group of students by applying at the T. C. A. office.

Blotter

James R. Craig, '36

Twenty-five hundred 19x24 desk blotters are distributed every Fall to the student body. Their purpose is to provide a medium for those advertisers who have something to offer the students, and also to furnish a handy calendar and telephone



THE TECH CABIN

numbers of the Institute, activities, and fraternities. A copy of this blotter may be obtained in the T. C. A. office at the opening of the Fall term.

Freshman Cabinet

Hal L. Bemis, '35

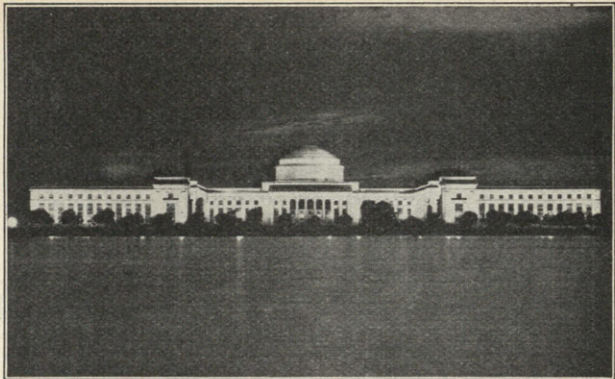
The freshmen interested in the T. C. A. form a cabinet which does its best to further the reputation the organization has built up under its by-word, "service". It remains active throughout the year until the elections to the senior cabinet have been made.

Freshman Advisors

Carl H. Wilson, '34

Before coming to school, freshmen receive letters from their advisors. The latter wish to help the new men get started in their strange surroundings, and make their first few weeks as pleasant as possible. If freshmen have any problems, these are the men to consult.





THE INSTITUTE AT NIGHT

Employment Bureau

STUDENT employment at the Massachusetts Institute of Technology is directed by the Undergraduate Employment Bureau, which is a division of the Technology Christian Association. The Bureau endeavors to arouse and maintain the interest of employers, both industrial and individual, so that Technology students will be employed when part-time positions are available.

The training at Technology enables students to accept opportunities which cannot be taken by students of other schools in this vicinity, and the efforts of the Bureau are constantly obtaining better possibilities. The Christmas and Mid-term Recesses and the Summer Vacation are periods in which the men can make up in some degree the lack of time during the term.

Many prospective students hope to have positions awaiting for them upon arrival in Cambridge. This is almost an impossibility, as employers will not engage a man until they have seen and talked with him, and also there are very few opportunities before school opens.

In addition it should be understood that competition for available positions is very keen among the students of the many educational institutions in this locality. This causes less demand upon any one school, lower wages, and increased difficulty for



PENNELL N. ABORN
Employment Secretary

the job seeker. The lack of time outside of school hours is another handicap, especially for first-year men and those who must earn a large share of their expenses.

The work of the first term is an important foundation for the rest of the curriculum and prospective students **are advised to have sufficient funds to cover at least the expenses of the first school year.** If parents can possibly pay the expenses, the student should not be required to earn his way, for self-support is a handicap, and if unnecessary, may deprive some really needy student of his livelihood.



The M. I. T. Student House

AS the result of the interest of an anonymous donor, a house at 159 Bay State Road, Boston, has been made possible for twenty students. The donor has paid the rental of this house and furnished the same. Direct control of the house is in the hands of the Advisory Board of the Technology Christian Association and the student executive committee of the house. Men desiring to be candidates for admission will apply to Mr. Pennell N. Aborn at the T. C. A. office or the Executive Committee of the house for application blank and constitution. A hostess is selected by the Advisory Board and she assists the Executive Committee in running the house. The house is decidedly a co-operative effort, the occupants doing the work. This work averages about forty minutes a day and permits men rooming and boarding there to live at a much reduced rate.



Directory of Churches

BAPTIST

First Baptist Church in Boston, Commonwealth Ave. and Clarendon St. Service 11.00 A. M. Christian Endeavor 6.15 P. M.

Brookline Baptist Church, Coolidge Corner. Service 11.00 A. M. Student Meeting 5.30 P. M.

First Baptist Church in Cambridge, River St. near Central Square. Service 10.30 A.M. Student Meeting 6.15 P.M.

Tremont Temple, Tremont St. near School St., Boston. Service 10.25 A.M. Christian Endeavor 5.30 P.M.

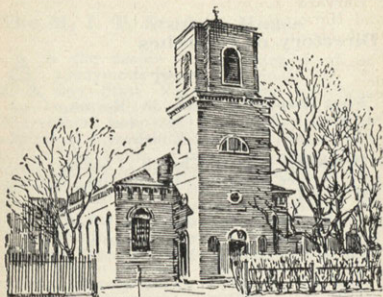
Old Cambridge Baptist Church, Massachusetts Ave., and Harvard St. Service 10.45 A.M. Student Meeting 7.30 P.M.

CHRISTIAN SCIENCE

First Church of Christ Scientist, Falmouth, Norway, and St. Paul Sts., Boston. Service 10.45 A.M.

CONGREGATIONAL

Mount Vernon Church, Beacon St. and Massachusetts Ave., Boston. Service 11.00 A.M. Student Meeting 7.30 P.M.



CHRIST CHURCH

A. D. 1759

Harvard Square, Cambridge

Rev. C. Leslie Glenn

1 Garden Street Tel. University 1569

Rev. Robert W. Fay

Parish House Tel. University 5315

Mr. Cushing Toppan

1306 Mass. Ave. Tel. Porter 1387

Sunday Services—Holy Communion,
7.30;; (St. John's Chapel, 8.30)

Morning Prayer and Service,
9.30 and 11.00

Evening Prayer and Service, 7.30

Harvard Church in Brookline, Marion and Harvard Sts. Service 11.00 A.M. Student Meeting 6.15 P.M.

First Church in Cambridge, Corner Garden and Mason Sts. Service 11.00 A.M. Student Meeting 7.15 P.M.

Old South Church, Copley Square, Boston. Service 11.00 A.M. Student Supper 5.30 P.M.

Prospect St. Congregational Church, near Central Square, Cambridge. Service 10.30 A.M. Student Meeting 6.30 P.M.

Church of the Covenant, Berkeley and Newbury Sts., Boston. Service 10.45 A.M. Social Hour 5.00 P.M.

Park St. Congregational Church, Park and Tremont Sts., Boston. Service 10.30 A.M. Christian Endeavor 5.45 P.M.

EPISCOPAL

Cathedral Church of St. Paul, opposite Park St. Subway, Boston. Service 11.00 A.M.

Emmanuel Church, 15 Newbury St., Boston. Service 11.00 A.M. Emmanuel Club 6.30 P.M.

Trinity Church, Copley Square, Boston. Service 11.00 A.M. Young People's Fellowship 5.30 P.M.

Trinity Church

Copley Square

Ministers

Arthur Lee Kinsolving, Rector
William E. Gardner
Otis R. Rice
Robert L. Bull, Jr.

Sunday Services

- 8.00 a.m. Holy Communion
11.00 a.m. Morning Prayer and Sermon
4.00 p.m. Musical Service and Meditation
5.30 p.m. The Clarendon Club for Young People
7.30 p.m. Evening Service and Address
-

The Church is liberal and progressive and welcomes to its fellowship all thinking students.

The Clarendon Club offers a varied program of social activities, informal talks, discussions, dramatics and devotions. Special study and interest groups are organized for students.

Church of the Advent, Brimmer St., Boston. Service 10.30 A.M.

Christ Church in Cambridge, Garden St. near Havard Square. Service 11.00 A.M.

LUTHERAN

University Lutheran Association, Brattle Hall, near Harvard Square, Cambridge. Service 10.45 A.M. Supper Gathering 6.15 P.M. (at 7 Buckingham Place).

METHODIST

Copley M. E. Church, corner Exeter and Newbury Sts., Boston. Service 11.00 A.M. Student Group 7.30 P.M.

Epworth M. E. Church, Massachusetts Ave., opposite Waterhouse St., Cambridge. Service 10.30 A.M.; evening worship, Wesley Foundation Student Council 7.30 P.M.

St. Mark's M. E. Church, Park and Vernon Sts., Brookline. Service 11.00 A.M.

PRESBYTERIAN

First Presbyterian Church, corner Harvard and Pierce Sts., Brookline. Service 10.45 A.M. Student Group 6.15 P.M.

Westminster House, 185 Bay State Road. Student Meeting 5.00 P.M.

CATHOLIC

St. Paul's Church, Arrow and De Wolfe Sts., Cambridge.

Westminster House

**Presbyterian Student Center
185 Bay State Road, Boston**

Varied Programs of Prominent Speakers and Student Discussions followed by refreshments and a Social Hour. Meetings at 4.45 Sunday afternoons. House open at all times for student gatherings.

Compliments
of
FRIEND

St. Mary of the Annunciation, Harvard and Norfolk Sts., Cambridge.

The Cathedral, Washington and Union Park Sts., Boston.

St. Cecilia, Belvidere and St. Cecilia Sts., Boston.

UNITARIAN

Arlington St. Church, corner Arlington and Boylston Sts., Boston. Service 11.00 A.M. Open Hearth Club (bi-weekly) 6.30 P.M.

Harvard St. Unitarian Church, corner Harvard and Hancock Sts., Cambridge. Service 11.00 A.M.

First Church, in Cambridge, Harvard Square. Service 11.00 A.M. Junior Parish 6.30 P.M.

First Church, in Boston, Berkeley and Marlborough Sts. Service 11.00 A.M. 1630 Club (bi-weekly) 7.30 P.M.

Second Church in Boston, Beacon St. and Audubon Road. Service 11.00 A.M. Emerson Guild (bi-weekly) 6.30 P.M.

Kings Chapel, School and Tremont Sts., Boston. Service 10.45 A.M. Freeman Club 7.30 P.M.

UNIVERSALIST

Church of the Redemption, Boylston and Ipswich Sts., Boston. Service 10.45 A.M.

Old South Church
IN BOSTON
COPLEY SQUARE

Rev. Russell Henry Stafford,
D.D., Minister

Rev. Daniel Bliss
Associate Minister

S. Lawrence Johnson
Secretary for Student work

SUNDAY

- 11.00 a.m. Worship service with sermon
9.45 a.m. Young People's Division of
the Church School
5.15 p.m. Student Group
Supper served at 25 cents
each
6.30 p.m. Student Group Discussion
Meeting
4.30 p.m. Worship service with sermon

WEDNESDAY

- 8.00 p.m. Worship service with sermon

Students are cordially welcome at all services and are especially invited to the Social Hour and Discussion Meeting beginning 5.15 p.m. Sundays.

JEWISH

Temple Israel, Commonwealth Avenue, Boston; at Kenmore Square. Saturdays 10.30 A.M., Sundays, November through May 31, at 11.00 A.M.

Beacon St. Temple, Beacon corner Kent St., Brookline. Fridays at 8.00 P.M., Saturdays at 10.00 A.M.

Congregation Mishkan Tefila, Seaver St. and Elm Hill Ave., Roxbury. Saturdays at 8.45 A.M., Fridays at 8.00 P.M.



University Lutheran Church

Brattle Hall, 40 Brattle Street
CAMBRIDGE

Norman D. Goehring, Pastor

10.45 A.M. Morning Worship.

6.15 P.M. Student Supper and Forum
Hour, Phillips Brooks
House, Harvard.

**The First Church of Christ,
Scientist**

(THE MOTHER CHURCH)

**Falmouth, Norway and St. Paul
Streets, Boston**

Sunday Services: 10.45 A.M.
and 7.30 P.M.

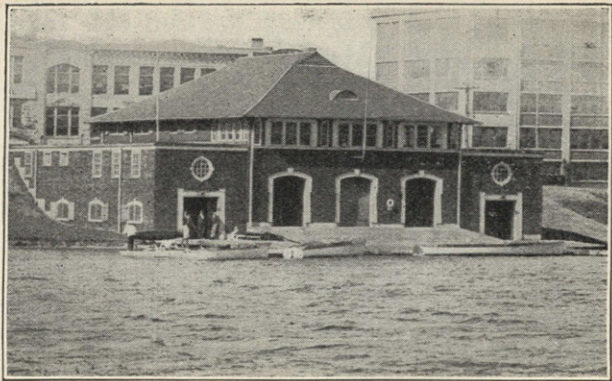
Wednesday Evening Meeting, 7.30 P.M.

Freshmen and Fraternities

A FRESHMAN entering Technology has three general possibilities open to him in the matter of living quarters: the dormitories, the many rooming or apartment houses, and the fraternities. Since so many of the entering class are unfamiliar with the fraternity situation we feel that a word of introduction may be helpful.

In all there are about six hundred and fifty undergraduates distributed among the twenty-nine fraternities which own houses. Among the twenty-nine, almost every type of fraternity is represented. There are nationals and locals, small ones and fairly large ones, fraternities which have religious requirements and fraternities which do not, and in fact every variation in type that is common at all colleges. Most of the twenty-nine houses are in Boston, although there are a few in Brookline and Cambridge.

Although the fraternities differ from each other in many respects, there are a few distinctive features which are common to all of them. In the first place, they are primarily serious organizations whose purpose is to provide pleasant and stimulating conditions for working. The founders of these fraternities recognized the social need which existed at Tech, but they instilled into their groups the principle that social life should be only a supplement to edu-



TECH BOATHOUSE

cation. It has followed, therefore, that the fraternity upperclassmen encourage and supervise, to a certain extent, both the studies and activities of the Freshman members, and every effort is made to maintain scholarship.

No discussion of the fraternity situation would ever be complete without a word about the "rushing" system, which is the name for the method by which new members are selected. It seems peculiar to outsiders that this "rushing" is done before school opens but there is so little spare time once classes have started that each fraternity tries to get its quota of Freshmen as soon as possible. Each group makes an organized search for likely candidates, and since so much must be accomplished in a short time, the Freshmen are sure to be startled by the abruptness of the whole procedure. Freshmen are often stopped in the halls by fraternity men, whom they have never seen before, and invited to the fraternity houses. It is naturally difficult for some of them to appreciate the meaning of the golf, dinner, and theatre invitations that they receive, but there is, however, a real reason for them. It is necessary that the rushee be entertained and at his ease; otherwise it is impossible for the necessary friendship and confidence to be developed. The recipients of these invitations should feel somewhat complimented on being selected for consideration. Invitations to join are given personally after unanimous approval

by the fraternity members. Some fraternities will demand an immediate answer, but the Freshman should receive such an invitation with suspicion, especially if he has seen no other houses. He should also regard with suspicion any remarks made by members of one fraternity concerning another. His opinion of a fraternity should be based solely on what he has seen of it himself. The most important thing is the matter of friendships, for a fraternity man's intimate friends are very likely to be limited to his fraternity brothers. His social life centers about fraternity activities, and should be a source of endless pleasure. The life at the Institute is such that general social activities are painfully limited, and a man's fraternity, therefore, fills a great gap in his college life.

Freshmen interested in joining a fraternity should realize that they must look at fraternities even more thoroughly than the fraternities look at them. Before any man accepts an invitation to join he should meet every active member of the fraternity; some fraternities may attempt to influence a rushee by presenting a few of the outstanding men. Often a rushee will be entertained by Seniors exclusively, but if he is wise he will remember that Juniors and Sophomores are his potential friends. In looking at any fraternity the Freshman has a right to know the aims and policies of the group. Many Freshmen go wrong because of previous opinions based upon the reputation of another chapter of a par-

ticular fraternity. The local chapter is the more important consideration because it contains the men with whom the man will live for four years. A national reputation gives little satisfaction to a man who is in the wrong local chapter. The various fraternities have individual characteristics which should be recognized by the Freshman, who should select a group in which he will be congenial.

There are some material considerations which are of importance in selecting a four-year home. Most important of these are convenient location, comfortable living quarters, and good meals.

Sometimes men who want to join fraternities are not invited to join at first. If these men really want to join one, they will be able to do so. The important thing is for them to get into activities and win some recognition there, and then the fraternities will take notice.



Fraternities

Alpha Kappa Pi. 136 Thorndike Street, Brookline. Founded 1921 at Newark College of Engineering. Kappa chapter. Established 1929. 23 chapters. John Modee Graham, President. Longwood 9154.

Alpha Phi Delta. 236 Park Avenue, Arlington. Founded 1915 at Syracuse University. Tau Chapter. Established in 1928. 25 chapters. John A. Bellizia, President. Arlington 2698.

Alpha Tau Omega. 37 Bay State Road, Boston. Founded 1865 at Virginia Military Institute. Beta Gamma chapter. Established 1895. 91 chapters. Gerald C. Rich, President. Commonwealth 8029.

Beta Theta Pi. 241 Kent Street, Brookline. Founded 1839 at Miami University. Beta Upsilon chapter. Established 1913. 86 chapters. Brennan R. Sellers, President. Regent 7710.

Chi Phi. 22 The Fenway, Boston. Founded 1824 at Princeton University. Beta chapter. Established 1890. 30 chapters. Floyd R. Carpenter, President. Kenmore 4187.

Delta Kappa Epsilon. 403 Memorial Drive, Cambridge. Founded 1847 at Yale University. Sigma Tau chapter. 46 chapters. Charles Stuart, President. University 8150.

Delta Psi. (Number 6 Club). 428 Memorial Drive, Cambridge. Founded 1847 at Colum-

bia University. Tau chapter. Established 1899. 9 chapters. Hal Bemis, President. University 5667.

Delta Tau Delta. 255 St. Paul Street, Brookline. Founded 1859 at Bethany College. Beta Nu chapter. Established 1899. 74 chapters. Bradford Hooper, President. Longwood 8464.

Delta Upsilon. 526 Beacon Street, Boston. Founded 1834 at Williams. Technology Chapter. Established 1891. 54 chapters. Randolph L. Strickland, President. Commonwealth 5124.

Kappa Sigma. 33 Bay State Road, Boston. Founded 1869 at University of Virginia. Gamma Pi chapter. Established 1914. 108 chapters. Albert G. Kern, Jr., President. Commonwealth 8501.

Lambda Chi Alpha. 441 Beacon Street, Boston. Founded 1909 at Boston University. Lambda Zeta chapter. Established 1912. 80 chapters. Ray P. Holland, President. Commonwealth 9102.

Phi Beta Delta. 523 Newbury Street, Boston. Founded 1912 at Columbia University. Theta chapter. Established 1920. 32 chapters. Arthur Greenblatt, President. Commonwealth 7775.

Phi Beta Epsilon. 400 Memorial Drive, Cambridge. Founded 1890 at Technology. Local. University 2341.

Phi Delta Theta. 326 Bay State Road, Boston. Reginald G. Murdoch, President. Aspinwall 9852.

Phi Gamma Delta. 28 The Fenway, Boston. Founded 1848 at Washington and Jef-

erson College. Iota Mu chapter. Established 1899. 72 chapters. Hoyt P. Steele, President. Commonwealth 8048.

Phi Iota Alpha. 471 Beacon Street, Boston. Founded 1921 at Rensselaer Polytechnic Institute. Gamma chapter. Established 1932. 11 chapters. G. Villa, President. Commonwealth 8774.

Phi Kappa. 278 Commonwealth Avenue, Boston. Founded 1889 at Brown University. Eta chapter. Established 1918. 23 chapters. Harry W. Ruane, President. Circle 8468.

Phi Kappa Sigma. 530 Beacon Street, Boston. Founded 1850 at University of Pennsylvania. Alpha Mu chapter. Established 1903. 38 chapters. Edward L. Wemple, President. Commonwealth 8630.

Phi Mu Delta. 33 $\frac{1}{2}$ Bay State Road, Boston. Founded 1918 at University of New Hampshire. Nu Delta chapter. Established 1922. 18 chapters. George E. Best, President. Longwood 8996.

Phi Sigma Kappa. 487 Commonwealth Avenue, Boston. Founded 1873 at Massachusetts Agricultural College. Omicron chapter. Established 1902. 51 chapters. William Stewart Matthews, Jr., President. Commonwealth 8093.

Sigma Alpha Epsilon. 484 Beacon Street, Boston. Founded 1856 at University of Alabama. Mass. Iota chapter. Established 1892. 103 chapters. William Coleman, President. Commonwealth 7762.

Sigma Alpha Mu. 83 Egmont Street, Brookline. Founded 1909 at College of the

City of New York. Xi chapter. Established 1917. 35 chapters. Samuel Paul, President. Longwood 4288.

Sigma Chi. 532 Beacon Street, Boston. Founded 1855 at Miami University. Alpha Theta chapter. Established 1882. 88 chapters. James T. Evers, President. Commonwealth 8095.

Sigma Nu. 259 St. Paul Street, Brookline. Founded 1869 at Virginia Military Institute. Epsilon Theta chapter. Established 1922. 95 chapters. F. G. Richards, President. Longwood 9083.

Tau Epsilon Phi. 158 Naples Road, Brookline. Founded 1910 at Columbia University. Xi chapter. Established 1910. 32 chapters. George Baker, President. Regent 6793.

Theta Chi. 528 Beacon Street, Boston. Founded 1856 at Norwich University. Beta chapter. Established 1902. 50 chapters. Joseph L. Seligman, Jr., President. Kenmore 3249.

Theta Delta Chi. 314 Memorial Drive, Cambridge. Founded 1847 at Union College. Theta Deuteron chapter. Established 1900. 30 chapters. Lincoln Paige, President. University 6358.

Theta Xi. 66 Bay State Road, Boston. Founded 1864 at Rensselaer Polytechnic Institute. Delta chapter. Established 1885. 31 chapters. J. Godfrey Borger, President. Commonwealth 8614.

MEMORANDUM

CONSTITUTION



G. TRIMBLE

CONSTITUTION

of the

Massachusetts Institute of Technology Undergraduate Association

Preamble

WHEREAS, it seems wise that all activities among the students of the Massachusetts Institute of Technology 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, 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 the facts and 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, they shall be presented to the Association for ratification or rejection, as 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

READ & WHITE

**TECHNOLOGY
HEADQUARTERS**

**for
DRESS CLOTHES
TO RENT**

**Dress Suits—Tuxedos—Cutaways—Caps
& Gowns—Mess Jackets, Etc.**

111 Summer St., Boston

Bigelow, Kennard & Co.

Incorporated

Jewelers and Silversmiths

Makers of

Fine Watches and Clocks

511 Washington Street

Corner of West Street

Boston, Mass.

Say that you saw it in the Handbook

M. I. T. A. A.

Musical Clubs

Tech Show

Technique

Technology Christian Association

The Tech

The Voo Doo

Tech Engineering News

Combined Professional Societies

Inter-Fraternity Conference

Drama Shop

Walker Memorial Committee

Budget Committee

Elections Committee

Point System Committee

Section 5. Any other organization 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 that organization 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 organizations shall be deemed an acceptance of this Constitution and its authority.

**CHARLES SHRIBMAN
OFFICE**

BOSTON, MASS.

Hancock 8128-29

N. E. Representative for Mal Hallett—
Casa Loma—Larry Funk—Claude
Hopkins—Duke Ellington—Cab
Calloway & other famous
name attractions.

Main Street Garage
Incorporated

Lowest Rates

Special rates to Tech students on gas,
greasing and washing. Auto
repairing of all kinds.
Free delivery service.

600 Main St. Uni. 8408, 8409

Say that you saw it in the Handbook

ARTICLE V

Organization of the Institute Committee

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

Section 2. The President of the Senior Class shall be the President of the Institute Committee, and the Chairman of the Budget Committee shall be the Treasurer 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 or posting at least

CHARLIE'S TAP

where the food is better

Booths and Tables

280 Green St. Near Central Sq.

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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

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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 members of the Institute Committee shall assume office at the organization of the new Institute Committee in May and hold same until the last meeting of that Institute Committee. Organizations changing offices at periods other than this shall not change their representative until the regular time as defined above.

Section 4. 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, Sections 1 and 2, of the Constitution, shall, with the exception of the President, the Chairman of the Budget Committee, and

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the Chairman of the Walker Memorial Committee, be elected by written ballot at the first meeting following the election of the representatives from the classes. Voting in this election 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. He shall assume the responsibility of collecting and filing reports of the four classes of sub-committees of the Institute Committee as provided in Article XI.

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

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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.

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. The Executive Committee shall hold two special meetings each year, one in the spring and one in the fall, for the purpose of regulating the extra-curricula calendar.

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. Within three days after having received the written request of ten members, the President shall call a meeting of the Institute Committee to be convened within five days of the date of the request.

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

1. Roll Call.
2. Reading minutes of



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previous meeting. 3. Special business. 4. Reports of Standing Committees. 5. Reports of other committees. 6. Old business. 7. New business.

Section 4. Roberts' 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. Proxies will be accepted for absence as defined in Section 3.

Section 3. If the full representation of any organization is not present at two consecutive meetings of the Institute Committee, and if any organization has consecutively two proxies and an absence in any order, 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

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with Article IX, Section 2, of these By-Laws.

ARTICLE IX

Section 1. To be granted representation on the Institute Committee, an organization must have existed one and one-half calendar years, and must either have had a minimum of 50 students taking active part in it during one Institute term, or must have traditions which render it worthy of representation.

Section 2. 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

Section 1. 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.

Section 2. The organizations so recognized are the organizations classified as Class A and Class B activities in Article IV, Section 7, of the Budget Committee Constitution, and the following:



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Armenian Club
Baton
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Beaver Key Society
Benchmark
Boat Club
Catholic Club
Chi Epsilon
Chinese Students' Club
Christian Science Organization
Cleofan
Dorclan
Dorm Dinner Club
Frieze and Cornice
Grogg
Hexalpha
Liberal Club
Masque
Menorah Society
Osiris
Quadrangle Club
Radio Society
Scabbard & Blade
Scroll
Stylus
Tau Beta Pi
Track Club
Walker Club
Woopgaroo

Section 3. Any organization of a temporary character wishing to appear before the public as an M. I. T. undergraduate organization may be granted this privilege for a period of two months by a two-thirds vote of the Institute Committee

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provided an acceptable constitution is submitted to 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, and the Senior Week Committee shall submit financial reports and may submit the minutes of its meetings and the meetings of its sub-committees. The reports of the committees in sections, "a", "b", and "c" shall be submitted to the Institute Committee at its second meeting after the sub-committee ceases to function. The Senior Week Committee shall submit its report at the first meeting of the Institute Committee the following school year.

(a) Standing Committees, with the exception of the Field Day, Junior Prom and Senior Week Committees, function throughout the entire year and carry out routine duties of the Institute Committee. The Standing Committees are:

- Budget Committee
- Elections Committee
- Point System Committee
- Walker Memorial Committee
- Field Day Committee
- Junior Prom Committee
- Senior Week Committee

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Student Curriculum Committee

(b) Special Committees which function every year may carry out certain details of the business of the Institute Committee. There are at present two of these Committees, the All-Tech Smoker Committee and the Senior Ring 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.

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, and to collect and permanently file financial reports of undergraduate activities as stated in Article IV, Sections 6 and 7.

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ARTICLE III

Section 1. This Committee shall consist of a Chairman, who shall be ex-officio Treasurer of the Institute Committee, and of three Associates, one of whom shall be the Treasurer of the M. I. T. A. A., and two other members chosen from the Junior class, and shall further consist of the Bursar of the Institute in an advisory capacity.

Section 2. The two junior members of the Budget Committee shall be elected by the Executive Committee of the Institute Committee. One member shall be elected subject to the ratification of the Institute Committee at the second meeting of that Committee following the class elections. The other member shall be elected subject to the ratification of the Institute Committee at the first meeting of that Committee in the fall term.

ARTICLE IV

The duties of the Budget Committee shall be as follows:

1. 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 and of all its sub-committees.

2. To receive a budget at least two weeks before all expenditures from undergraduate organizations receiving money from undergraduate dues.

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3. 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 spent by undergraduates until such expenditures have been approved by the Budget Committee. The Chairman of the Budget Committee shall pay no bill that has not been authorized by the Chairman of the Committee contracting the bill.

4. To 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.

5. 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.

6. To receive and permanently file financial reports of Group A and B activities at the end of the fiscal year of each, such annual reports to be received not later than the second meeting of the Institute Committee following the close of the fiscal year of each activity. If an auditor's report is made for an activity by a Certified Public Accountant, the Budget Committee shall receive a copy of that report in place of the Treasurer's report. A fine of five dollars shall be imposed for each late report.

7. To receive and permanently file month-

ly operating statements and balance sheets from the M. I. T. A. A., Musical Clubs, T. C. A., Technique, Dramashop, T. E. N., The Tech, and Voo Doo. A fine of one dollar shall be imposed for each report filed later than the 15th of the month following that for which it is compiled.

8. The annual dues for each organization coming under the jurisdiction of the Budget Committee shall be one dollar payable January 1, except that organizations financed by undergraduate dues shall pay no dues to the Budget Committee. A fine of five dollars shall be imposed for late payment of dues.

9. For the purpose of defining the group of activities mentioned in Section 6 such grouping shall be as follows:

Group A

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

Group B

Combined Professional Societies
Aeronautical Engineering Society

Associated General Contractors of
America, M. I. T. Branch
Chemical Society
Civil Engineering Society
Corporation XV
Mechanical Engineering Society
Mining Engineering Society
M. I. T. Branch A. I. E. E.
Naval Architecture Society
Dormitory Committee
M. I. T. Post Army Ordnance
Association
Gridiron
Sedgewick Biological Society
Society of Automotive Engineers
Physical Society
Interfraternity Conference
Commuters' Association

ARTICLE V

Section 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.

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

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

Section 4. The Chairman of the Budget Committee is empowered at his discretion to make no expenditures from the Under-

graduate 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, who is an ex-officio member of the Institute Committee, 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:

Section 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.

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

Section 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.

Section 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.

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

We, the undersigned members of the Class of..... do hereby nominatefor.....of our Class.

(Sponsors' signatures)

I hereby accept the nomination

(Signature of Nominee).....

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.

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

Section 6. Nomination papers must be deposited in a locked box provided for the purpose between the hours of 9 A.M., on the Wednesday and 1 P.M. on the Thursday immediately preceding the election or

else they will not be accepted.

Section 7. The ballot shall contain a complete list of nominees grouped according to offices and arranged in alphabetical order. 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.

Section 8. The Chairman shall have the required number of ballots in his possession at least twenty-four hours before the opening of the poll. The ballots required for mailing shall be in the possession of the Chairman by 3 P.M., on the Saturday preceding the day of elections.

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

Section 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 not later than the first Wednesday of December.

(c) The Senior Week Committee Election shall be held on the second or third Wednesday, following the beginning of the second term.

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

Section 11. The date of election and the date upon which nominations are due shall be publicly 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 two rooms designated by the Committee. One shall be the main lobby and the other shall be in Rogers Building.

Voting by mail shall be allowed for all students in courses which require their attendance at places other than M. I. T. at the time of the elections. Ballots for this voting shall be sent by the Chairman of the Elections Committee by six P.M., on the Saturday preceding the day of elections to those men, who have sent a written request to the Chairman of the Elections Committee for the same before that time. All such ballots must be returned to the Chairman of the Elections Committee by five-thirty P.M., on the day of elections. All ballots received after this hour shall be void.

There shall be no voting by proxy.

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 booths. 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 when either the Preferential or Hare-Spence System is used shall be done by all members of the Elections Committee who are not nominees in the election. In the annual Spring Class Elections the counting shall be done by the Elections Committee and such extra men as the Chairman shall deem necessary to complete the task within a reasonable time. None of the men counting votes shall be nominees in the election being counted. In case one of the Committee members is a nominee in an election, the Chairman shall be empowered to fill his place temporarily.

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

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 and any attempts to form voting blocks, etc., 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 by Preferential System

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 total 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 someone 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.

Counting by Hare-Spence System

As in the Preferential system, the ballots are sorted into piles in accordance with the first choices indicated thereon. All candidates having x or more votes, where x represents the total number of votes cast

divided by the number to be elected, are declared elected. Their ballots are re-distributed according to the highest choice on the ballots for any remaining candidate, and all candidates having a total number of ballots on their pile equal to or greater than the x number defined above are elected. This process continues until the requisite number have been elected.

Section 20. Three candidates are to be elected as Class Day Marshals, and twenty-five candidates are to be elected to the Senior Week Committee.

Section 21. 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.



Point System Committee

ARTICLE I

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

ARTICLE II

Section 1. The purpose of this Committee shall be to enforce and regulate the Point System.

Section 2. The purpose of the Point System shall be to prevent an undergraduate from undertaking too many activities to the detriment of himself or any of the activities.

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 an office, and the 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 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 a 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 Com. ..	5	5	5	5
Executive Com. ..	1	1	1	1

M. I. T. A. A.

President	10
Vice-President	2
Secretary	4
Treasurer	9
Junior Assistants.....	6
Sophomore Assistants.....	4
Publicity Manager.....	8
Assistant Publicity Manager.....	4
Track Manager.....	9
Crew Manager.....	8
Sophomore Assistant.....	5
Freshman Assistant.....	4
Basketball Manager.....	7
Swimming Manager.....	7
Soccer Manager.....	6
Hockey Manager.....	6
Wrestling Manager.....	6
Tennis Manager.....	6
Boxing Manager.....	6
Gym Manager.....	6
Lacrosse Manager.....	6
Sophomore Assistants.....	5
Freshman Assistants.....	4
Rifle Manager.....	5
Golf Manager.....	5

Fencing Manager.....	5
Sophomore Assistants.....	4
Freshman Assistants.....	3
Class Team Managers.....	4
Field Day Football Manager.....	5
Intramural Baseball Manager.....	5

The Tech

General Manager.....	10
Editor-in-Chief	9
Managing Editor.....	9
Business Manager.....	9
Business Service Editor.....	8
News Editor.....	8
Sport Editor.....	8
Features Editors.....	8
Advertising Manager.....	8
Circulation Manager.....	8
Make-up Editor.....	8
Photographic Editor.....	6
Night Editor.....	7
Editorial Board.....	6
Ass't. to Members of	
Associate Board.....	7
Staff Members.....	5
Candidates	2

Technique

General Manager.....	10
Editor	9
Managing Editor.....	9
Business Manager.....	9
Literary Editor.....	8
Art Editor	8
Features Editor.....	8
Informals Editor.....	8

Department Editor.....	8
Advertising Manager.....	8
Treasurer	8
Publicity Manager.....	8
Photographic Manager.....	8
Staff	5
Candidates	3

Tech Show

General Manager.....	10
Business Manager.....	9
Program Manager.....	8
Stage Manager.....	8
Company Manager.....	8
Costume and Property.....	8
Lighting Technician.....	6
Rehearsals Manager.....	6
Property Manager.....	9
Treasurer	6
Assistant Manager.....	4
Cast and Chorus.....	4
Candidates	3

Voo Doo

General Manager.....	10
Managing Editor.....	9
Business Manager.....	8
Treasurer	8
Art Editor.....	8
Literary Editor.....	8
Advertising Manager.....	8
Circulation Manager.....	8
Publicity Manager.....	8
Publication Manager.....	8
Associate Editors.....	6
Assistant Editors.....	5

Business Associates.....	6
Candidates	4

The Tech Engineering News

General Manager.....	10
Business Manager.....	9
Editor-in-Chief	9
Advertising Manager.....	7
Managing Editor.....	7
Publicity Manager.....	7
Circulation Manager.....	7
Treasurer	7
Personnel Manager.....	7
Associate Editor.....	7
Assistants	4
Business Associates.....	5
Associate Managing Editor.....	5
Features Editor.....	4
Art Editor.....	5
Business and Editorial Staff.....	3
All Candidates.....	3

Musical Clubs

General Manager.....	10
Concert Manager.....	8
Personnel Manager.....	8
Business Manager.....	8
Treasurer	9
Publicity Manager.....	7
Stage Manager.....	7
Sophomore Assistants.....	5
Freshman Assistants.....	3
Leaders	7
Assistant Leaders.....	3
Members of Clubs.....	2

Dramashop

General Manager.....	8
Business Manager.....	7
Production Manager.....	7
Publicity Manager.....	6
Treasurer	6
Program Manager.....	6
Properties Manager.....	6
Stage Manager.....	6
Lighting Manager.....	6
Sophomore Assistants.....	5

The Technology Christian Association

President	10
Vice-President	4
Treasurer	4
Department Directors.....	3
Division Managers.....	2

The Institute Committee

Secretary	5
Members from Classes.....	5

Walker Memorial Committee

Chairman	9
Senior Members.....	6
Sophomore Members.....	5

The Budget Committee

Chairman	9
Members	4

Point System Committee

Chairman	6
Members	2

Elections Committee	
Chairman	5
Members	1
Dormitory Committee	
Chairman	6
Treasurer	2
Other Members	1
Dorm Dance Committee	
Chairman	4
Members	1
Senior Ring Committee	
Chairman	3
Secretary	2
Professional Societies	
President	5
Vice-President	2
Secretary	2
Treasurer	2
Members of Governing Boards, Directors, etc.....	1
Combined Professional Society Executive Committee	
Chairman	3
Vice-Chairman	2
Secretary	1
Treasurer	1
Members	1
Representatives on Institute Committee	1

Clubs and Societies

President	3
Vice-President	1
Secretary	1
Treasurer	1



Walker Memorial Committee

ARTICLE I

The name of this Committee shall be the Walker Memorial 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 six other associates. The Chairman shall be a member of the Senior Class. The remainder of the Committee shall consist of two members of the Junior Class and four of the Sophomore Class during their term of office.

Section 2. At the first meeting of the Executive Committee of the Institute Committee following annual spring class elections, the retiring Chairman of the Walker Memorial Committee shall appoint his successor subject to ratification by the Institute Committee. He shall also recommend at this time, for election to the Walker Memorial Committee, the names of two members of the Sophomore Class who

become Junior members of the Walker Memorial Committee.

Section 3. The Chairman of the Walker Memorial Committee shall hold a three weeks' competition for Sophomore members of this Committee two weeks after school opens in the fall. At the end of this time he shall appoint four Sophomores subject to the ratification of the Institute Committee.

ARTICLE IV

The powers of the Walker Memorial Committee shall be as follows:

1. To have charge of the student administration of the Walker Memorial Building and 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 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 Gym planned by an organization to be submitted in writing and signed by a responsible member of that organization. This report shall be handed in one week previous to date of

function. Failure to do so shall incur a fine of five dollars.

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 Committee the fine to be payable the Treasurer of the Institute Committee, and to refuse to approve the application for reservation of any room in 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 interests of the Massachusetts Institute of Technology and to enforce such rules as are necessary for the proper conduct of publicity campaigns and drives.

ARTICLE V

The duties of the Walker Memorial Committee shall be as follows:

1. To have published in **The Tech** a schedule of undergraduate events, and to maintain in 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 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.

11. To maintain a record of the Heads of all activities.

12. To notify the high or preparatory school of any man upon his election or appointment to an office of importance in undergraduate activities.

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 Field Day Committee.

Section 2. The Field Day Committee shall be assisted by a General Committee. This Committee shall be appointed by the Field Committee subject to the approval of the Institute Committee.

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 moneys 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 Committee.

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 of the Freshman Class shall be elected by each section the second week of the first term. There shall be three (3) men elected from each section under the auspices of the Field Day Committee.

ARTICLE VIII

In case of negligence of duties, or misconduct thereof, any member of the Executive Committee may be deposed 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.

ARTICLE X

This constitution will automatically become the constitution of every class upon its registration at 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.

Field Day Committee

ARTICLE I

The name of this Committee shall be the Field Day Committee.

ARTICLE II

This Committee shall consist of the Executive Committee of the Institute Committee, the Presidents of the Junior and Sophomore classes, and the Manager of Field Day. The Chairman of this Committee shall be the President of the Institute Committee.

ARTICLE III

This committee shall act with power on all questions relating to Field Day, except athletic events, and shall supervise the conduct of the affairs (including all meetings of the two lower classes) from the opening of the Institute in the fall until the Freshman elections.

The following resolution was adopted by the Institute Committee in regard to Field Day:

“That in order to protect the good name of the undergraduate government, there shall be no parades or demonstration of any character off the Institute grounds, and that the President of the Institute be requested to support this decision by giving due notice that offenders render them-

selves liable to expulsion, and that the offenders shall be personally liable for any damages."

Student Curriculum Committee

ARTICLE I

The name of the Committee shall be the Student Curriculum Committee.

ARTICLE II

This Committee shall consist of a Chairman and at least four associates who shall be chosen by the Executive Committee.

ARTICLE III

This Committee shall work with a special Committee of the Faculty appointed annually by the President for the consideration of constructive criticism on methods of instruction in individual subjects or courses as may be presented from time to time, and for the general promotion of cooperative relations between students and instructing staff.

MEMORANDUM

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Full Line Gym Supplies.

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**165 Broadway, Boston
3 Blocks from Met. Theatre**

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MEMORANDUM

CALENDAR for 1933-34**1933**

Freshman Camp.....	September 22-25
Registration Day.....	September 25
T. E. N.....	September 25
Voo Doo.....	October 4-5
All Tech Smoker.....	October 6
Columbus Day.....	October 12
Nominations by 1 P.M.....	October 26
Field Day.....	October 27
Dorm Dance.....	October 27
T. C. A. Drive.....	October 30-November 3
Voo Doo.....	November 1-2
Elections	November 1
T. E. N.....	November 8
Senior Ring Sales.....	November 6-18
Armistice Day.....	November 11
Scabbard and Blade Dance...	November 17
Thanksgiving Day.....	November 30
Voo Doo.....	December 6-7

Dramashop.....	December 7-9
T. E. N.....	December 13
Senior Ring Delivery Date....	December 13
Musical Clubs Concert.....	December 15
Christmas Vacation.....	December 22-January 1

1934

T. E. N.....	January 10
Senior Dance.....	January 12
Voo Doo.....	January 15-16
Last Class, First Term.....	January 20
Examinations.....	January 22-27
Vacation—Midyears	January 27-February 4
Registration Day.....	February 5
Dorm Dinner Dance.....	February 9
Voo Doo.....	February 12-13
T. E. N.....	February 14
Musical Clubs Pops Concert..	February 21
Washington's Birthday.....	February 22
Nominations.....	February 23
Senior Week Committee Elections	February 28

Dorm Dance.....	March 9
T. E. N.....	March 14
Tech Show.....	March 14-15-17
Voo Doo.....	March 15-16
Junior Prom.....	March 16
Dramashop.....	April 5-7
Voo Doo.....	April 9-10
T. E. N.....	April 11
Scabbard and Blade.....	April 13
Spring Nominations by 1 P.M....	April 17
Spring Recess.....	April 18-22
Spring Elections.....	April 25
Musical Clubs Spring Concert....	April 27
Installation of new Institute Committee	May 3
Voo Doo.....	May 7
T. E. N.....	May 9
Dorm Dance.....	May 18
Last Class, Second Term.....	May 23
Examinations.....	May 25
Memorial Day.....	May 30
Commencement.....	June 5

PERSONAL

Name

School Address.....

Telephone Number.....

Home Address.....

.....

.....

Telephone Number.....

THINGS TO REMEMBER

Mass. Institute of Tech. Univ. 6900
 Rogers Bldg.—Architectural Dept.
 B. B. 8910
 Infirmary
 (Nights, Sundays, Holidays) Univ. 6914
 T. C. A. Univ. 7416
 “Coop” No.....
 Locker No.....
 Auto License No.....

We wish to express thanks to the BOSTON CITY PLANNING BOARD and to the CAMBRIDGE DEPT. OF ENGINEERING for their help in preparing the enclosed map.

MEMORANDUM

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Tech Pharmacy

86 MASS. AVE.

(Opposite Homberg Infirmary)

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Complete Line of Drugs and
School Supplies

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BROWSE AROUND**

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MEMORANDUM

MEMORANDUM

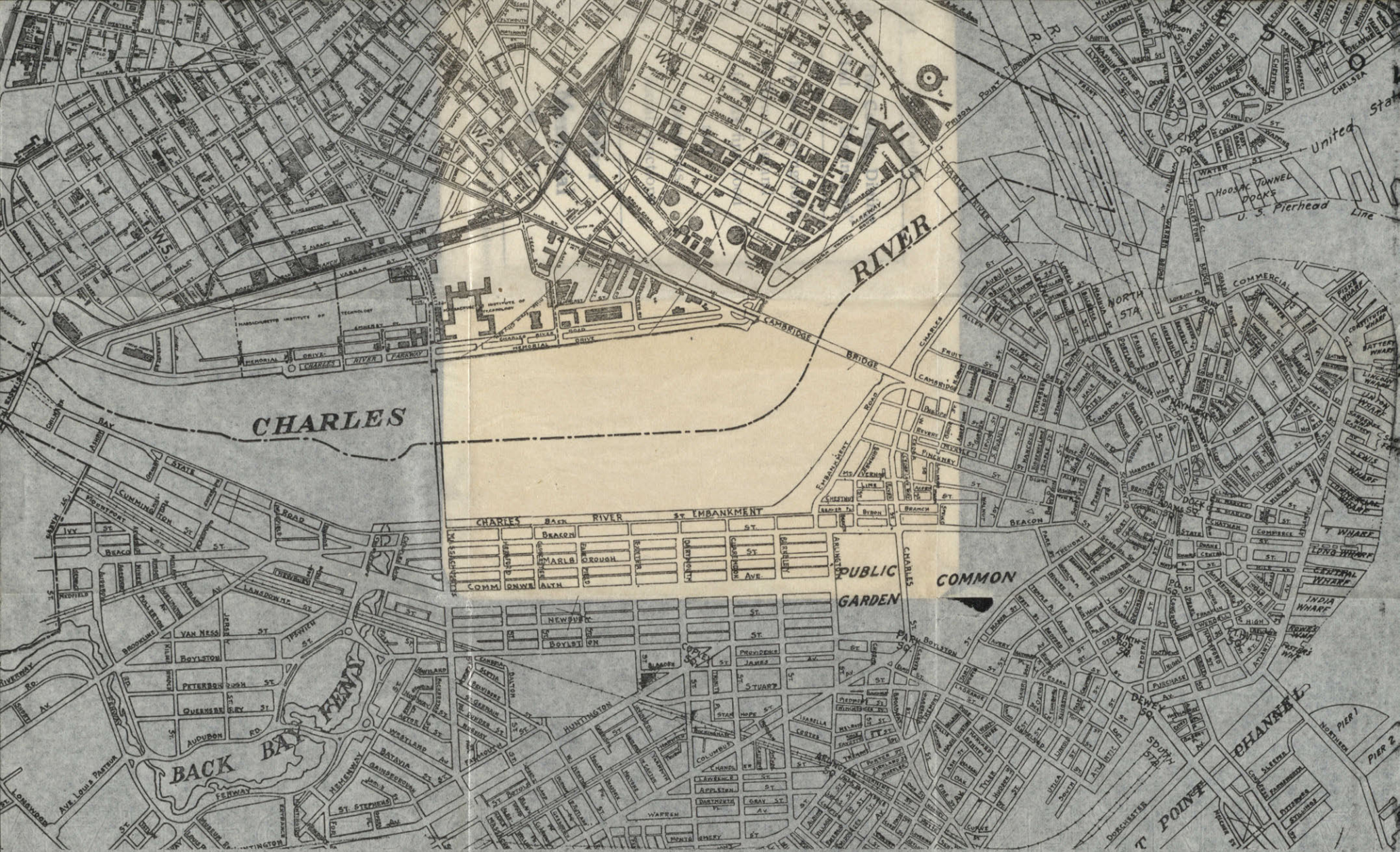
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and
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M. I. T.

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