

M. I. T.



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THE  
HANDBOOK

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Vol. XXXI

THE MASSACHUSETTS  
INSTITUTE OF  
TECHNOLOGY



*“Mens et Manus”*

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# THE HANDBOOK

Vol. XXXI

**NICHOLAS E. CARR, JR. '39**  
General Manager

**JAMES J. SHIPMAN '40**  
Business Manager

**JOHN L. DANFORTH '40**  
Editor

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This book is presented by:

**THE  
TECHNOLOGY CHRISTIAN  
ASSOCIATION**

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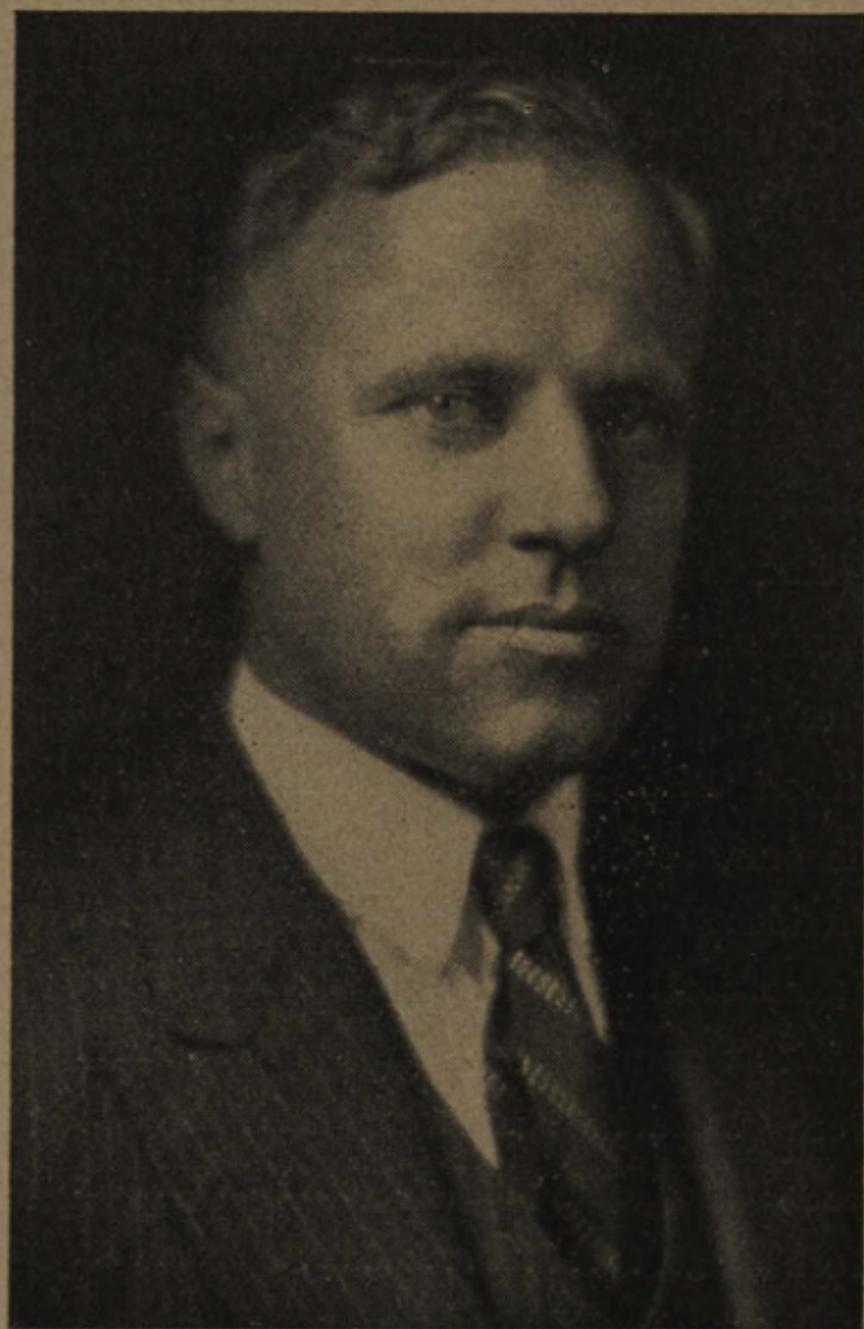
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DR. KARL T. COMPTON  
President of the Institute

## OFFICE OF THE PRESIDENT

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Members of the Class of 1941:

You are the seventy-second class to enter this Institution, and you will therefore have the interest, welcome and support of more than thirty thousand alumni who have preceded you during the intervening years. Furthermore, you will have throughout life the support which comes from the reputation and the friends which these alumni have established. During the next four years you will have the use of educational facilities superior to any which have been known in the past. These facilities include a teaching staff which will have a keener personal interest in your personal welfare and development than you may ever realize.

You enter the Institute at a time when the depression of recent years is giving place to activity and optimism. This adds zest and encouragement for your period of training here. At the same time there are grave problems ahead, problems of economic and social adjustments, which emphasize the desirability of acquiring breadth of interests and sympathies along with the more specialized training which will be your central objective while here.

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 T. Compton*

President.



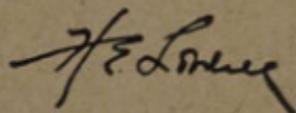
HAROLD E. LOBDELL  
Dean of Students

## OFFICE OF THE DEAN OF STUDENTS

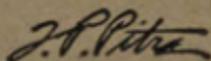
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The following pages convey the genuine welcome that the Institute extends to the Class of 1941. They also suggest the manifold Technology undergraduate activities that so profitably complement our scholastic program and enrich our community life.

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

# 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 department 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 facilities 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 Col-

lege, 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 organization 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, Treas. H. S. Ford, Bursar D. L. Rhind, the chairman of the Faculty, the director of the Division of Industrial Co-operation, 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

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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 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 of 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 just 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. 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

use 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 cannot be found.

The M. I. T. Sailing Pavilion, a 130 foot building, was erected in 1936 in front of Walker Memorial. It houses 48 dinghys and has commodore's offices, lounge and classrooms, where shore school is conducted. Sailing has already gained tremendous popularity in the few months it has been an activity at the Institute, and will soon be one of Technology's leading sports.

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.

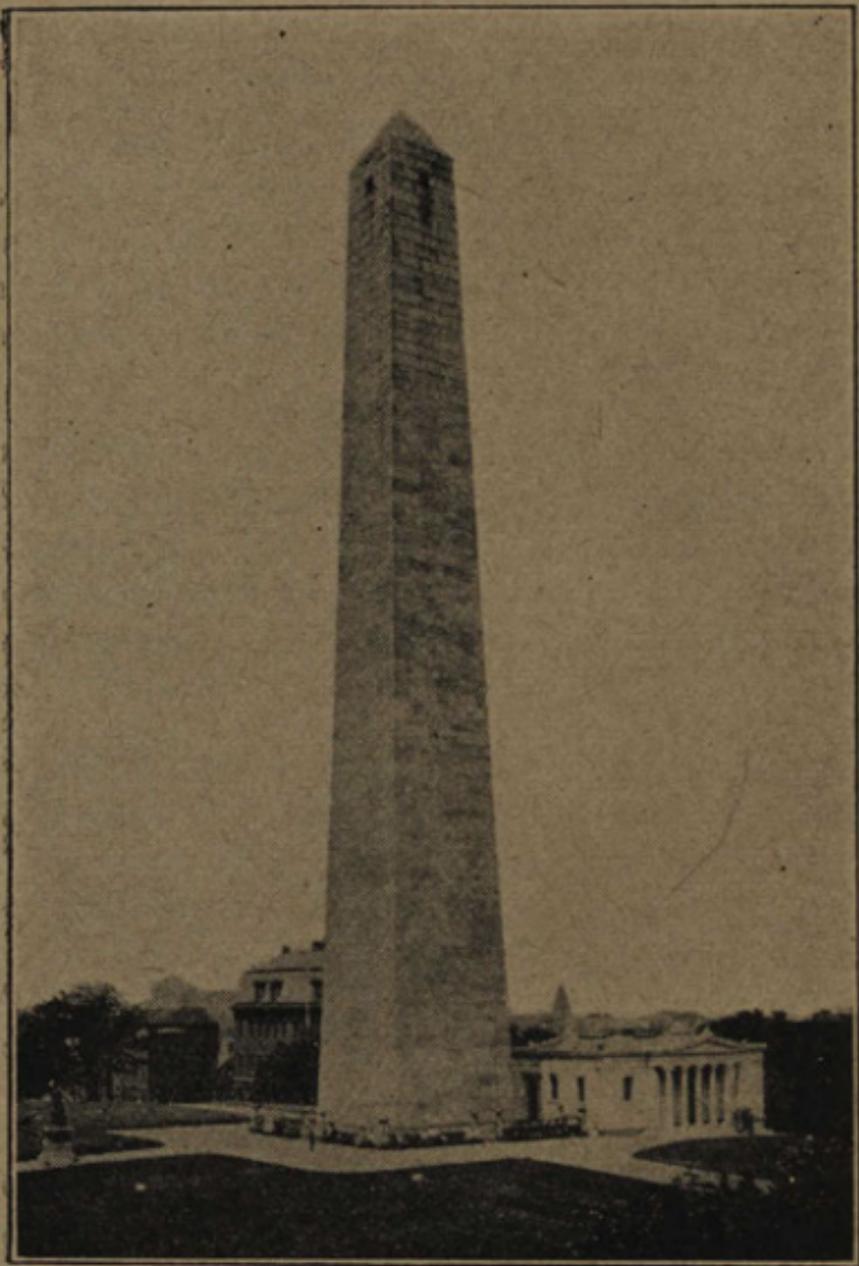
The track house contains the office of the track coach and trainer, several locker rooms, a shower room and several other facilities for track men. Adjoining the track house are the

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.

Last spring the Rogers Building on Boylston Street was sold. This was the last of the original Tech buildings. To take its place a new Architectural School will be built on Massachusetts Avenue bringing all of Technology to Cambridge.





BUNKER HILL MONUMENT

# HISTORICAL BOSTON

By PAUL C. EATON, '27

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**B**UNKER 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 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 Church, 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 employes. 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.

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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.

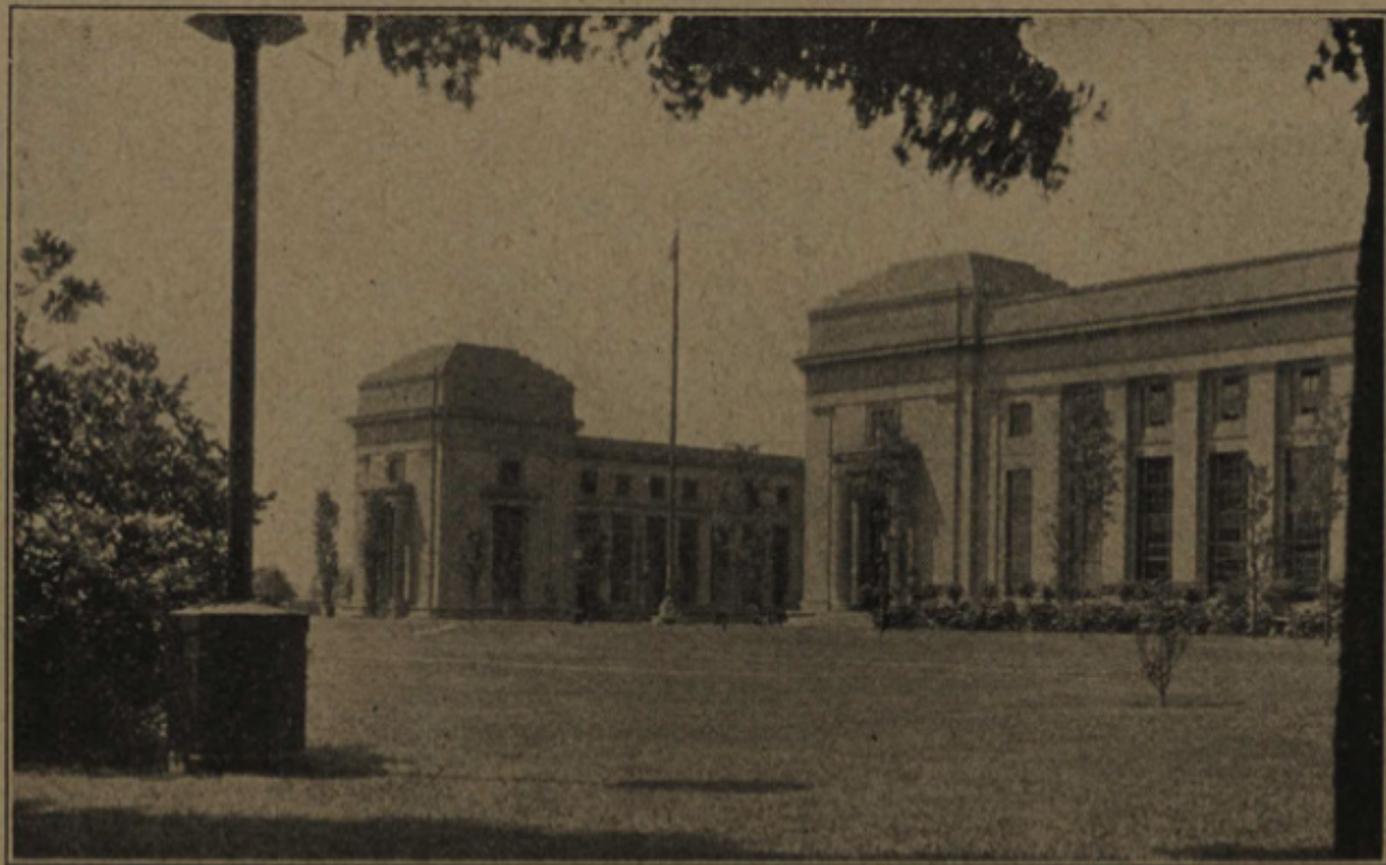


## ADVICE

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**I**N 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



THE GREAT COURT

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fellow freshmen as you can during the first week; don't wait for introductions.

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

## THE ALL-TECH SMOKER

---

PROBABLY nothing has a greater influence in fostering the fraternal spirit so noticeable in Freshmen classes at M. I. T. than the All-Tech Smoker. This year it will be held on the night of Registration Day, September 27. This date has been chosen in the hope that fathers of all incoming Freshmen, many of whom are only at the Institute for a day, will be able to attend this gathering and to join in giving their sons a rousing sendoff.

The Smoker carries on the work begun at Freshman Camp, and takes the place in a way of the work done there for those who were unable to attend. Members of the faculty will speak and all extra-curricular activities will be represented by speakers or exhibitions. There will of course be the traditional free dinner and free smokes in abundance.

And though a group of strangers, awed perhaps by their first day at Tech, will gather on Registration night, they will thaw out as the evening progresses; and when all voices are lifted in "it's always fair weather, when Tech fellows get together," and the Smoker

is over, they will leave as a body of comrades united in one common purpose . . . to catapult the class of 1941 to heights never before attained for the greater glory of M. I. T.

All Freshmen are expected to attend! All fathers are cordially invited. Tickets may be obtained by Freshmen in the Main Lobby and at the Freshmen Registration rooms on Registration Day, September 27.



## FRESHMAN RULES

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**T**HE 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 Freshmen 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 for 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 Deans.

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, two Sophomore members, 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 5:15 Club 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

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**F**RESHMEN, 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 twelfth year of the Freshman Camp, and it is becoming more popular with each year of its existence, there being about 300 Freshmen present at the 1936 Camp. It is expected that this year there will be a higher percentage of Freshmen than ever before attending Camp, and accommodations have been made for them.



# TO THE NEW STUDENTS FROM FOREIGN COUNTRIES

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Heartiest welcome to the Institute!

We realize that you who have just arrived in the United States will have many problems and questions during your first few months at M. I. T. We folks in the Technology Christian Association are here to help you in any difficulty whatsoever; come in and see us when you arrive at Tech. Remember that there is no distinction between Race or Religion in our Association.

One of your first questions when you arrive in Cambridge will be that of a room. If you cannot room in the Dormitories, the T. C. A. has a list of rooms available at the beginning of the term. Come in and look at it; it may help you. We also have a list of all your countrymen, and we can help you make their acquaintance. There are also many Associations in Boston and Cambridge besides the T. C. A. which do much to make the Foreign student's stay in this country more enjoyable. Through us you will receive invitations from them for various dances and dinners. Do not pass up these opportunities; you will find them very enjoyable. The T. C. A. is here to be of service to you; do not be afraid to come in and ask us questions; you will receive a friendly welcome and all the help you need.

## FIELD DAY

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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 three points.

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.

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!

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## 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
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
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

Year	Won by
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
1933—Class of '36 vs. '37	Sophomores
1934—Class of '37 vs. '38	Sophomores
1935—Class of '38 vs. '39	Sophomores
1936—Class of '39 vs. '40	Sophomores





THE PRESIDENT'S RESIDENCE

## TECH SONGS

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**R**ICH 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.

### *The M. I. T. 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 is 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 molded,  
Our hands hast thou skilled  
To follow the precepts that thou hast instilled,  
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*****1938**

President, John J. Wallace  
Vice President, John F. Chapin  
Secretary-Treasurer, C. Kingsland Coombs  
Institute Committee, Frederick J. Kolb  
Institute Committee, Richard Muther

**1939**

President, William F. Wingard  
Vice President, Stuart Paige  
Secretary-Treasurer, Richard S. Leghorn  
Institute Committee, Robert G. Fife  
Institute Committee, Frederick B. Grant

**1940**

President, Raymond Foster  
Vice President, Thomas F. Creamer  
Secretary-Treasurer, M. Arnold Wight  
Institute Committee, James S. Rumsey  
Institute Committee, Franklin E. Penn

## **Committees**

### **Institute Committee**

President, John J. Wallace '38

Vice President, Frederick J. Kolb, Jr. '38

Secretary, Richard B. Young '38

Chairman Budget Committee, Willard Roper '38

Chairman Walker Memorial Committee, Frank J. Kearny '38

Member at Large, Richard G. Vincens, Jr. '38

### **Walker Memorial Committee**

Chairman, Frank J. Kearny '38

Junior Members, Wiley F. Corl, Jr. '39,

L. B. Magruder '39

### **Budget Committee**

Chairman, Willard Roper '38

### **Freshman Rules Committee**

Chairman, John R. Cook '38

### **Elections Committee**

Chairman, C. Kingsland Coombs '38

### **Faculty-Student Committee**

Student Chairman, Dale F. Morgan '38

### **Junior Prom Committee**

Chairman, William F. Wingard '39

### **All Tech Smoker Committee**

Chairman, Frank J. Kearny

### **Open House Committee**

Chairman, Fred Kolb '38

Secretary-Treasurer, Dale F. Morgan '38

### **Dormitory Committee**

Chairman, L. Carl McEvoy, Jr. '38

## ***Publications***

### **The Tech**

General Manager, Richard C. Vincens, Jr. '38  
Editor, Robert E. Katz '38  
Business Manager, Douglas G. Esperson '38  
Associated Business Manager, James C.  
Longwell '38

### **Technique**

General Manager, Jay P. Au Werter '38  
Business Manager, Newton LeRoy Hammond  
'38  
Editor-in-Chief, Ira H. Lohman, Jr. '38

### **Tech Engineering News**

General Manager, Harry O. Saunders '38  
Editor-in-Chief, James Hess '38  
Business Manager, Richard A. Novak '38  
Associated Editor, Monarch L. Cutler '39

### **Voo Doo**

General Manager, G. Edwin Hadley '38  
Managing Editor, William G. Gibson '37  
Business Manager, Harry B. Hollander '38  
Advertising Manager, William F. Pulver '38

### **Benchmark**

General Manager, Charles T. Ryder '39  
Business Manager, Willard Babcock '39  
Editor, Hugh F. Kennison '39  
Advertising Manager, George P. Morrison '39

### **The Handbook**

General Manager, Nicholas E. Carr, Jr. '39  
Business Manager, James Shipman '40  
Editor, John L. Danforth '40

## **Activities**

### **Technology Christian Association**

President, David A. Wright, '38  
Vice President, Edward J. Kuhn '38  
Secretary, Norris G. Barr '38  
Treasurer, Chauncey F. Bell, Jr. '38

### **Debating Society**

President, Nicholas Shoumatoff '39  
Vice President-Manager, Peter M. Bernays  
'39  
Secretary-Treasurer, Lee H. Bloom, '40

### **Combined Musical Clubs**

General Manager, Richard B. Young '38  
Concert Manager, John G. Wheale '38  
Treasurer, Philip E. Sellers '38  
Glee Club Leader, Frederick E. Ray '38  
Orchestra Leader, Leonard F. Dowding '38

### **Nautical Association**

Commodore, John C. Proctor '38  
Vice Commodore, H. H. Hanson '38  
Secretary-Treasurer, Wendel H. Callkins '38

### **Outing Club**

President, Rollard S. French '38  
Vice President, C. Kingsland Coombs '38  
Secretary-Treasurer, Ryder Pratt '39

### **Technology Open Forum**

President, Henry C. Meadow '39  
Secretary-Treasurer, Edwin M. Tatman '39

### **The American Student Union**

President, Joseph Shill '40  
Vice President, Max Shufer G  
Secretary-Treasurer, Thomas Goldfrank '40  
Membership Secretary, Richard Hanau '39

## **Clubs**

### **Catholic Club**

President, Paul B. Black '38  
Vice President, Paul R. Des Jardins '38  
Recording Secretary, John H. Keefe, Jr. '39  
Corresponding Secretary, Malcolm F. Mc-  
Keag '38  
Treasurer, Welcome W. Bender, Jr. '38

### **Chess Club**

President, Alfred J. Green '40  
Vice President, H. William Hofmann '40  
Secretary-Treasurer, Martin A. Antman '40  
Corresponding Secretary, Herbert Jaffe '39

### **Chinese Student's Club**

President, Y. C. Shen '37  
Secretary, T. C. Li '37  
Treasurer, S. H. Tsiang '37  
Manager, P. W. Tsu G

### **Christian Science Organization**

President, Matthew Rockwell '38  
Reader, John D. Baker '39  
Secretary-Treasurer, Henry Knippenberg III  
'39

### **5:15 Club**

President, George Morel '38  
Vice President, Robert S. Gordon '38  
Secretary, Edward P. Bentley '39  
Treasurer, Frederick J. Hurley '38

**Menorah Society**

President, Leon L. Baral '38

Vice President, Melvin M. Falkof '39

Treasurer, Charles N. Levy '39

Secretary, Barbara F. Laven '40

**M. I. T. Radio Society**

President, Frederick Q. Gemmill G

Vice President, Howard C. Lawrence '38

Station Manager, Howard C. Lawrence '38

Secretary-Treasurer, Robert E. Hull '40

**Square and Compass**

President, George Owen

Secretary, Oscar F. Hedlund

Treasurer, Wolcott A. Hokanson

**Unity Club**

President, Livingston Smith '38

Vice President, Fredyum Henrickson '40

Secretary, Martha Howe '41

**M. I. T. Student House**

President, Lewis H. Allen, Jr. '38

Vice President, Robert G. Fife '39

Secretary-Treasurer, Robert J. Saunders '39

## ***Honorary Societies***

### **Agenda**

President, L. Wheaton  
Vice President, J. Kapinos  
Secretary-Treasurer, D. Tonti

### **Baton**

President, John I. Argersinger '38  
Vice President, Rolland French '38  
Secretary-Treasurer, Frank Orrell, Jr. '39

### **Beaver Club**

President, Robert Casselman '39  
Vice President, Maynard K. Drury '39  
Treasurer, George Estes '39

### **Beaver Key Society**

President, Lloyd Bergeson '38  
Vice President, Howard E. Milius '38  
Secretary, Kenneth M. Gunkel '38  
Treasurer, Richard K. West '38

### **Dorclan**

President, Archer S. Thompson '38  
Vice President, Bernard W. Mehren '38  
Secretary-Treasurer, Welcome W. Bender,  
Jr. '38

### **Gridiron**

President, Jay P. AuWerter '38  
Secretary, William F. Pulver '38  
Treasurer, Adam Gambel '38

### **Quadrangle Club**

President, Frederick A. Libby '40  
Vice President, James A. Fifield '40  
Secretary, Jim S. Rumsey '40  
Treasurer, David M. Johnstone '40

**Scabbard and Blade**

Captain, Matthew L. Rockwell '38  
Lieutenant, John A. Hilcken '38  
Second Lieutenant, Kenneth M. Gunkel '38  
First Sergeant, Gordon L. Foote '38

**Scroll**

President, Harry O. Saunders '38  
Vice President, James Hess '38  
Secretary-Treasurer, Richard A. Novak '38

**Sigma Xi**

President, Professor Arthur C. Hardy  
Vice President, Professor Walter C. Voss  
Treasurer, Professor Bernard E. Proctor  
Secretary, Professor John B. Wilbur

**Tech Boat Club**

Crew, Franklin S. Atwater '38  
Commodore, Francis W. Hagerty '38  
Secretary-Treasurer, Jack F. Chapin '38  
Editor, Boat Club News, Malcolm F. Mc-  
Keag '38

**Tech Swim Club**

President, Archibald M. Main, Jr. '38  
Vice President, William S. Brewsler '39  
Secretary, Frank S. Gardner '38  
Treasurer, Harlan Turner '38

**Track Club**

President, James R. Thomson '38  
Vice President, Lloyd Bergeson '38  
Secretary-Treasurer, Kenneth M. Gunkel  
'38

**Woop Garoo**

G. Edwin Hadley  
William G. Gibson  
Harry B. Hollander

## ***Professional Societies***

### **Combined Professional Societies**

President, Fred P. Forman '38  
Vice President, Benjamin W. Badenoch '39

### **Aeronautical Engineers Society**

President, Benjamin W. Badenoch '39  
Vice President, C. Watson Hamilton '39  
Secretary, John Noyes, Jr. '38  
Treasurer, Paul E. Sandorf '39

### **American Institute of Chemical Engineers**

President, Bertram F. Grosselfinger '38  
Vice President, Leo C. McEvoy, Jr. '38  
Secretary, Joe R. Weeks '39  
Treasurer, David E. Acker '38

### **American Institute of Mining Engineers**

President, C. Van S. Roosevelt '38  
Vice President, Arthur S. Dwyer '38

### **American Society of Civil Engineers**

President, Thomas Evans '38  
Vice President, Russell H. Brown '38

### **Architectural Society**

President, Stephen MacDonald '39  
Secretary, Miss Frances Emery '40  
Representative C. P. S., Charles Blessing  
'37

**Army Ordnance Association**

President, Walter F. Kaufman '38

Secretary-Treasurer, David J. Torrans '38

**Associated General Contractors of America**

President, Norman B. Leventhal '38

Secretary-Treasurer, Carl Kenneth Swanson '39

**Chemical Society**

President, Julius Kovitz '38

Vice President, Anne Schivek '38

Secretary-Treasurer, Lewis W. Hull '38

**Electrical Engineering Society**

Chairman, Harry O. Saunders '38

Vice Chairman, Donald P. Severance '38

Secretary, Frank H. Jackson '38

Treasurer, Walter N. Brown, Jr. '39

**Mechanical Engineering Society**

President, James Maguire '38

Vice President, Roy C. Heacock '39

Secretary, G. Edwin Hadley '38

Treasurer, Sidney Silber '39

**M. I. T. Physical Society**

President, James B. Hess '39

Vice President, Frederic W. Reuter, Jr. '39

Secretary-Treasurer, J. Neuendorffer '39

**Naval Architectural Society**

President, Robert C. Eddy '39

Vice President, Welles Worthen '38

Treasurer, David K. Hammell, Jr. '39

**Propeller Club**

President, David A. Wright '38

Vice President, Harlan Turner, Jr. '38

Treasurer, Howard M. Woodward '39

**Sedgewick Biological Society**

President, Richard Henderson '39

Vice President, Frederick J. Hurley '39

Secretary, Frederick E. Boland '39

Treasurer, Harold Rosenthal '38

**Society of American Military Engineers**

President, Joseph Smedile '37

Secretary, Fred P. Forman '38

## *Athletics*

### **M. I. T. A. A.**

President, James M. Gilliss '38  
Vice President, Lloyd Bergeson '38  
Secretary, Robert M. Robbins '38  
Treasurer, Daniel N. Phillips '38

### **Basketball**

Manager, Durbin A. Woolford '39  
Co-Captains, P. H. Schneider '39  
M. V. Herasimchuk '38  
Paul H. Michael  
Coach, H. P. McCarthy

### **Crew**

Manager, David A. Bartlett '39  
Captain Varsity, C. Kingsland Coombs '38  
Captain 150 lb. crew, Elmar V. Piel '38  
Coach, Cedric Valentine '26

### **Cross Country**

Manager, Robert E. Touzalin '39  
Captain, C. R. Scalingi '38  
Coach, Oscar F. Hedlund

### **Equipment**

Manager, John D. Baker '39

### **Fencing**

Manager, Forest T. Ellis, Jr.  
Captain, Emil A. Malick '39  
Coach, John Roth

**Field Day**

Manager, Stuart Paige '39

**Golf**

Manager, Charles F. Hobson, Jr.

**Gym Team**

Manager, George W. Krebs '39

Co-Captains, W. Harrison Phinizy '38

Dale F. Morgan '38

Coach, Herbert Forsill

**Hockey**

Manager, John D. Alexander '39

Captain, Richard Muther '38

Coach, George Owen

**Lacrosse**

Manager, George W. Beer '39

Captain, J. D. Alexander '39

Coach, Walter Tucker

**Soccer**

Manager, Robert G. Fife '39

Captain, James M. Gilliss '38

Coach, Malcolm Goldie

**Swimming**

Manager, R. J. Saunders '39

Captain, Archibald M. Main '38

Coach, J. Jarosh

**Tennis and Squash**

Manager, T. S. Curtis, Jr. '39

Captain, Seymour Stearns '38

Coach, Jack Summers

**Track**

Manager, John I. Herlihy '39

Captain, Paul Des Jardins '38

Coach, O. F. Hedlund

**Rifle Team**

Manager, Seymour Heymann '39

Captain, D. C. Whitaker '38

Coach, Major J. F. C. Hyde

**Wrestling**

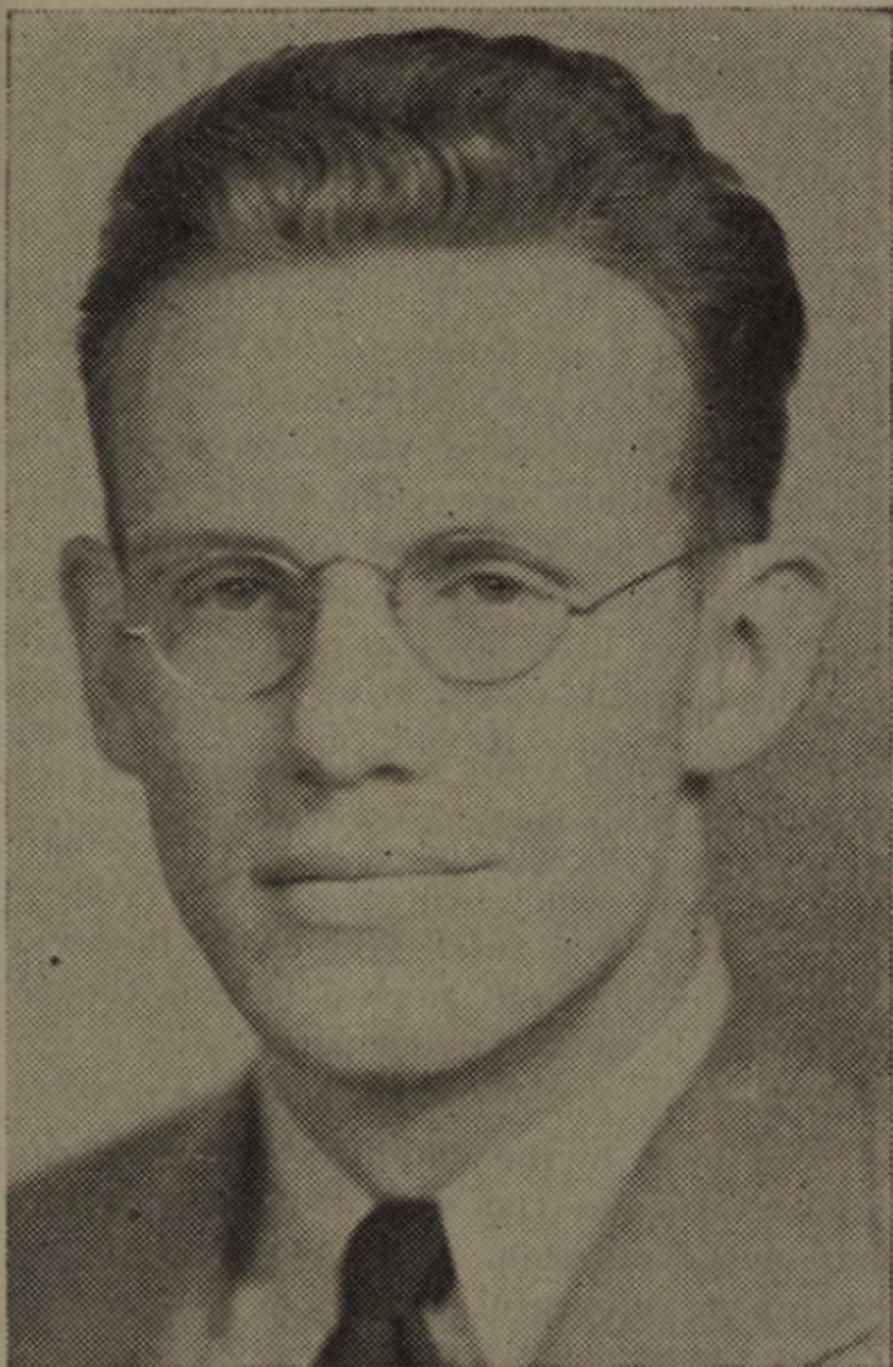
Manager, Hans Bebie '39

Captain, Augustin J. Powers '39

Coach, Jay Ricks

**Publicity**

Manager, Perry O. Crawford, Jr. '39



JOHN J. WALLACE  
President, Class of 1938

## FRESHMAN MESSAGE

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To the Class of 1941:

Welcome to M. I. T. You have already demonstrated your fitness to be Tech men in refusing to be deterred by Technology's formidable reputation. Now you are ready and anxious to plunge into your work, and settle for yourself your doubts as to whether or not you can "take it" scholastically. Let me ease your minds a little by the positive statement that the curriculum will make no unreasonable demands on you. If you can work, you can pass with credit.

However, you will find that there are many other matters which will come upon you all at once when you enter Technology in person—matters which will require careful thought and sound decisions on your part.

First of all, you must decide where to live—on your own, in the dormitories, or in a fraternity. If you choose wisely, according to your own inclination, you make the first step towards a successful career at Technology. If you choose hastily, perhaps under pressure from a misguided friend, you will acquire an unshakable source of irritation which will stay with you and quench your spirits throughout

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your stay here. If you are not sure where you want to live, avoid making a promise you may not want to keep. Above all, let no one persuade you that the decision must be made on the spot. Your future peace of mind is worth a few weeks' consideration.

Another thing you must immediately cope with is the necessity of striking a reasonable balance between your studies, your outside activities, and your physical exercise. The penalty of neglecting studies is too well known to need description. But the penalty of over-emphasizing them, of becoming a "brown-bagger" is a serious one also. At Tech it is easy to fall into the scholastic rut, emerging at graduation a boresome, narrow-minded physical wreck, with a "good Technical Training." Your purpose here should be not only to get a technical training, but also an *education*—to learn how to live as well as how to make a living.

You are required to take your academic courses here, but it is up to you to grasp for yourself the opportunities for more complete development of your potentialities. These opportunities are offered you in the form of extra-curricular activities—publications, professional societies, debating and athletic teams. Here you will find ground for personal growth and recreation both. Not only will you enjoy yourself, but you will learn to deal with people as well as with symbols, to meet new situations

with originality, and most important, you will learn how to *get things done*. Employers want men who can combine this knowledge with that of technical theory.

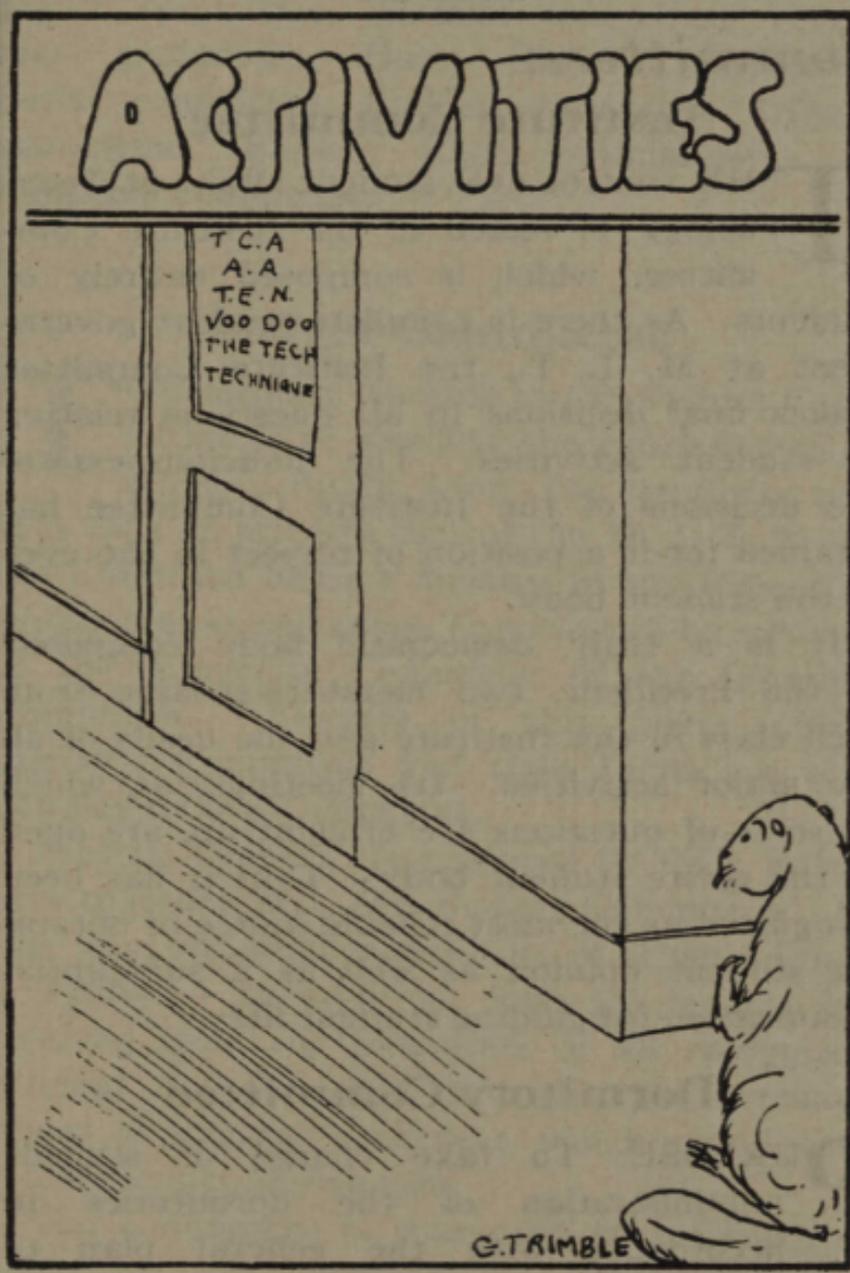
Especially, during your first weeks here, devote your efforts to adjusting yourself to your new life at Technology. Overlook no possibilities. Go to your class meetings, try out for a Field Day team, investigate the activities that appeal to you—take your place in the undergraduate association. Good hunting!

John J. Wallace,  
President, Class of 1938.

# ACTIVITIES

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

G. TRIMBLE



# ACTIVITIES and ORGANIZATIONS

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## *Committees*

### **Institute Committee**

**T**HE 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, two members-at-large from each class in the Institute and the heads of all the major 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**

**P**URPOSE: 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 representing each hall,

and chairmen of the following committees: Dance committee, Athletic committee, Freshman committee, Dorm Rumor committee, Social committee, Budget committee, Dinner committee, Burton Room committee and Publicity committee.

### **Budget Committee**

**T**HE primary purpose of the Budget Committee is to regulate the expenditures of athletic funds from the student tax. It is thus an integral part of the M. I. T. A. A., the Chairman being a member of the Executive Committee as well as the Treasurer and a member of the Executive Committee of the Institute Committee. Because of this latter office, Institute Committee and class funds are also handled by the Committee.

Athletic budgets are prepared by team managers together with the Budget Committee. In this way, optimum expenditure of athletic funds is assured. In addition, financial reports are received from the treasurers of all recognized Student Activities and from them, a summary report is prepared each year, which includes all athletic expenditures also.

The Committee is composed of a Chairman and three other members, one the Treasurer of the M. I. T. A. A., and two chosen from the junior class by the Institute Committee.

## Freshman Rules Committee

**T**HE 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.

Freshman rules are designed and enforced to further class spirit among the incoming freshmen, and to promote a better understanding of the traditions of Technology.

## Junior Prom Committee

**E**NTIRE responsibility for the outstanding social event of the year is given to the Junior Prom Committee. This group is composed of five men chosen in the November elections, and has as its chairman the President of the Junior Class. The Junior Promenade of the Class of 1938 was held on March 5 in the Grand Imperial Ballroom of the Hotel Statler. Traditionally a supper dance, the Prom last year was further enhanced by the inclusion of attractive favors. Music for dancing was provided from 10 to 4 o'clock by Charles Barnet and his orchestra, featured at the Glen Island Casino last summer. Enchantment of the Prom glamor speeded the evening's passage, and all too soon brought to a close a Junior Prom acclaimed perfect.

## **Faculty-Student Committee**

**T**HE committee serves as an official liaison group between the faculty and student body. It consists of a faculty group headed by a chairman appointed by the President, and a student group appointed by the Institute Committee. At frequent intervals the two groups meet together to discuss curriculum problems, consider constructive criticism on any phase of an Institute activity affecting faculty-student relations, and problems concerning student welfare in general. As a result of the discussions recommendations for worthwhile changes are made to the proper authorities, or the complainant is advised as to the reasons the changes are not deemed advisable.

Both student and faculty members are chosen from different courses in order to insure a good cross section of opinion on all matters, to place a wide variety of experience at the disposal of the committee, and to present problems from all departments and knowledge of how similar problems have been met, if at all, in other departments.

It is urgently requested that all student problems pertaining especially to courses and teaching be brought to the attention of the committee, either orally or in writing. Written constructive criticism or complaints can be mailed to Dean Samuel C. Prescott, Faculty

Chairman, or to Dale F. Morgan, 241 Kent Street, Brookline, Student Chairman.

### **Walker Memorial Committee**

**T**HE Walker Memorial Committee has charge of the Walker Memorial and 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 used most advantageously by 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.

The Committee also has charge of the Point System, by which points are assigned to all positions in the undergraduate activities, according to the work involved. By setting the maximum number of points allowable, no one student may participate in too many extra-curricular activities.

## *Publications*

### **The Tech**

**S**INCE 1881, when a small group of undergraduates banded together to establish THE TECH, it has been the official undergraduate newspaper of Technology. Entirely student managed, its object is to present to the undergraduates, faculty, and alumni all news pertaining to the Institute and undergraduate life. At the same time opportunity is provided in its editorial columns for the expression of student and public opinion.

THE TECH, published twice a week, is run on a competitive basis with the largest staff of all undergraduate publications. Positions of candidate, reporter, and staff member are open to all freshmen. At the board elections, held in February, twelve Sophomores are elected to Junior Board positions, one Junior each to the positions of General Manager, Editor, Managing Editor, Business Manager, and Advertising Manager.

For the freshman candidate work is offered covering many fields of modern newspaper publishing. Experience in news and editorial writing, business management, advertising, bookkeeping, photography, and newspaper composition are among details met with from

the time an event occurs until the newspaper reporting it is sold. Men on THE TECH are known to be more familiar with the "inside" of undergraduate affairs than those in any other activity.

A course in journalism is offered to freshmen by the English Department. Those interested in enrolling are urged to consult Professor Frederick G. Fassett, Jr., Room 2-275, as soon as possible.

A smoker for the benefit of freshman candidates will be held soon after registration. The date and place will be announced later. Freshmen who wish to visit the offices of THE TECH will find the News and Editorial Departments in Room 3, in the basement of Walker, and the Business Office on the third floor, Room 301.

## Technique

**T**ECHNIQUE, the Institute Yearbook, is a permanent record of all the Student activities of the year, both formal and informal.

To the men coming out for TECHNIQUE, there is offered a large variety of attractions. The editorial, photographic, circulation, advertising, publicity, and art departments give unique opportunity to the staff member for

increasing his ability along literary, executive, business, or salesmanship lines.

Together with the publication of the book, the **TECHNIQUE** calendar has on it two important social events for the members of the staff. During the middle of the year an informal dinner is held at some leading restaurant in Boston. Near the end of the year a formal banquet is given at one of the prominent hotels, and at this time the board for the next Volume of **TECHNIQUE** is announced.

**TECHNIQUE** sponsors an annual campus event, the presentation of the **TECHNIQUE** Award. This Award, a cup, is given to the outstanding track man of the year.

In the fall a smoker for the benefit of the freshmen will be held on Tuesday, October 5, 1937. This begins the competition for positions on the staff which are open to everybody. Our office on the third floor of Walker Memorial is open to you for any information.

## **Tech Engineering News**

**I**N the eighteen years of its growth, the undergraduate engineering magazine of Technology has gained the reputation of being the foremost publication of its kind in America. **THE TECH ENGINEERING NEWS**, recently awarded the Yale Cup, is

written in part by prominent engineers and professors, and in part by students; it is edited, financed and managed entirely by undergraduates. The articles it presents are timely and well-written, and cover a wide range of interesting subjects.

The Editorial Department obtains material from the authors, edits it, and prepares it for publication. Students showing marked writing ability are given the opportunity to submit articles, if they so desire. Valuable experience is to be gained from the contacts with prominent professional men which are open to members of the Editorial Department. Training in the use of technical and non-technical English is an important phase of the departmental program.

A course in Journalism is offered at the Institute for the editorial candidates who wish to take it in place of the regular freshman year English course.

The Business Department includes circulation, advertising, and treasury divisions. The standards of business practice maintained are modern and efficient. The business organization of T. E. N. has been a most important factor in its stability and success. Office management, modern accounting practice, and contacts with many important business concerns make the work of the Business Department excellent training for every member.

Staff-members are chosen from the candidates by competition, which will be initiated this fall by a mass meeting, the date to be announced on the Institute bulletin boards. All those interested in T. E. N. are invited to visit the activity offices in the basement of Walker Memorial.

### Voo Doo

**P**HOSPHORUS is the best friend of every undergraduate at Tech. He has just rounded out twenty years of mirthmaking 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 high 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

### Debating Society

**T**HE Debating Society of the Massachusetts Institute of Technology has grown steadily since its inception four years ago, and last season established itself as a leader in its field by winning the Eastern Intercollegiate Debate League championship. Members of the League this year include: Bates, Bowdoin, Bucknell, Colgate, Lafayette, M. I. T., Mt. Holyoke, Pembroke, and Wesleyan.

The Society has the further distinction of being an important part of intellectual life at the Institute in view of the opportunity which it gives for direct oral discussion in matters which extend beyond the field of pure technology.

This season the Society will have fifteen varsity and five freshman debates. It will also sponsor teams in public speaking and debate tournaments.

Bi-monthly meetings are devoted to routine business as well as try-outs and informal discussions. A smoker is held in the fall for new students and prominent speakers are guests at the banquet meetings of the Society.

The Society offers an excellent opportunity for new students to take part in debates and

public speaking, an activity which is expanding very rapidly at the Institute. A cordial invitation is extended to all interested students to become affiliated with the Debating Society at its first meeting of the year. The officers will be very glad to furnish information about debating activities.

### **Dramashop**

**D**RAMASHOP is an organization which gives those students interested in dramatics an opportunity to produce plays. It is supported by the receipts from the two plays which are presented each year. Professor Dean M. Fuller is the dramatic coach.

Typical of plays given by Dramashop are O'Neill's "The Hairy Ape", Gogol's "Inspector General", the melodrama "Ten Nights in a Barroom", Sidney Howard's "They Knew What They Wanted", and Galsworthy's "The Pigeon".

Dramashop offers varied work in scene design and construction, lighting, acting, make-up, and other fields of the theater. Announcements of monthly meetings, at which time members are elected, are made in THE TECH.

In addition to theatrical work, there is an opportunity for executive and business ad-

ministration in Dramashop. Members are elected after application and proof of ability and interest; no previous experience is required. Positions in cast and stage management are competitive; positions of President and Secretary are elective.

Persons desiring membership or information about Dramashop should apply immediately in Room 2-176, headquarters of the organization.

## The Combined Musical Clubs

**T**HE Combined Musical Clubs offer great opportunity for the freshmen as well as for the upper classmen who are interested in music, for openings for any voice or any instrument are to be found here.

Consisting of a well balanced Glee Club, an exceptionally fine Orchestra, playing the better-known light classical music, and a lively Banjo Club, the Clubs had a most successful season last year. Soloists on specialty instruments are also afforded a place in the programs of the Concerts and Dances throughout the year.

All the work, vocal as well as instrumental, affords much beneficial training for outside concert work, and gives the members of the Clubs social acquaintances among the club-

members and among the Girls' schools in and around Boston which we visit and at which we give our programs.

A Senior Board, comprised of the General Manager, and a leader from each of the three clubs, and a Junior Board, which includes the Treasurer and two Concert Managers, forms the management of the clubs. Various assistant positions are open to sophomores and freshmen.

## Combined Professional Societies

**T**HE 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 two, when the Combined Professional Societies again took the lead.

## **Nautical Association**

The Nautical Association is open to all students of the Institute. A new Sailing Pavilion, opposite Walker Memorial, houses the fleet of thirty-six dinghies which is available for sailing every afternoon. Races are held on Saturdays and Sundays, with several prizes offered for Fall, Spring, and Summer Series.

There is a Sailing Master in charge of the dinghies who is a well known yachtsman, having spent the last twenty years sailing nearly every type of boat in intersectional and international races. Also adequate instruction in all phases of yachting is offered in the Shore School, with classes for the novice up to the man with considerable experience who may wish to familiarize himself with some of the finer points of his sport.

Intercollegiate dinghy racing became quite active last year, with Tech leading in all but one of the important regattas. The Fall and Spring Regattas of the Intercollegiate Yacht Racing Association and of the Boston Dinghy Association were held at Tech, as well as several smaller meets. During the spring holidays

twelve men went to Annapolis to sail against Navy. The 1937-38 season promises to be even more interesting.

## **Outing Club**

In 1936 the Outing Club was organized to further the interest in outdoor activities at Technology. In the fall the club holds open meetings, at which time talks are given on subjects of interest to the members. Last year Alec Bright, of the U. S. Olympic Skiing team spoke of his experiences at the olympics; and at a later meeting Hannes Schneider, from the Arlberg in Austria, also visited our club, through the kind efforts of our coach, Dr. Ernst A. Hauser, an Austrian Olympic skier himself.

The club sponsors a ski team which competes with various colleges. Activities begin around the first of November. Men interested in outing work and the ski team are invited to meet with us at this first meeting.

## **Technology Open Forum**

The Technology Open Forum is an organization which presents prominent men and important issues to the student body in open forum meetings. The subjects may be inter-

national, national, or local, but they must always deal with some vital social question.

After featured speakers have opened the discussion, students may speak extemporaneously from the floor. The experience gained in such participation is invaluable as well as exhilarating.

The Steering Committee is composed of six men, headed by the president of the Forum. New freshmen are urged to try out for positions on the committee. Detailed information may be obtained from any of the present committee members, or from Prof. Theodore Smith or the English Department, faculty advisor.

## **The American Student Union**

The M. I. T. chapter of the American Student Union was formed for the purpose of stimulating and giving expression to progressive student opinion at Technology. It tries to represent the interests of the undergraduate body as a whole.

To this end, it holds discussions of current problems both inside and outside of the Institute, and presents during the year several speakers on topics of interest to the students.

A meeting will be held soon after registration to discuss plans for activities during the year. All interested freshmen are invited to attend.

## **Clubs**

### **Catholic Club**

The Catholic Club was organized to establish a medium of friendly and social intercourse and to promote the practice of and to spread by good example a knowledge of the Roman Catholic Faith at the Massachusetts Institute of Technology. Being essentially a religious and educational organization its meetings are informative on current religious topics. Supper meetings with other colleges and communion breakfasts held during the year and addressed by prominent men provide the occasions for more friendly relationships. Study clubs formed for the purpose of revealing the Catholic viewpoint on subjects primarily religious offer the members an opportunity for individual participation in informal discussions.

Two or three dances held during the year are an expression of the social atmosphere of the club.

### **The M. I. T. Chess Club**

Frequent chess matches, simultaneous exhibitions, and novelty games, besides the opportunity to play chess at all times, are what the M. I. T. Chess Club offers its members. The

most popular day for chess play is Saturday, when most members meet to play in the Walker Memorial. Besides the informal play each day, the club's regular monthly meeting feature exhibitions and instruction by nationally known chess masters, and a variety of chess entertainment including rapid transit, kriegspiel, and four-handed chess.

Beginners are taught the rudiments of the game, and as they progress are coached for intercollegiate play. Several matches are scheduled with neighboring colleges each year.

The club's sets and the books in its library may be borrowed by members. The club also has for the use of its players rapid transit timing equipment and a unique triangular bumping board.

## **Chinese Students' Club**

Founded in 1916, the Chinese Students' Club serves to delegate the majority opinion of the Chinese Students at the Institute, to develop their interest in activities, and to keep them in contact with the activities of Chinese students in other parts of the world. Informal suppers, occasionally addressed by prominent persons, combined meetings with other organizations, and athletic contests are among the regular activities.

All Chinese students at M. I. T. are automatically members of the Club. The officers, consisting of the president, a secretary, a treasurer, and a manager, are elected annually, forming the executive committee.

## **Christian Science Organization**

The Christian Science Organization of the Massachusetts Institute of Technology was formed in 1921 to unite Christian Scientists entering the Institute and within the Institute in close bonds of Christian fellowship. Regular meetings are held twice a month open to all students, faculty, and officers of the Institute. The purpose of the organization is to afford those desiring, the opportunity of learning the truth about Christian Science as taught in the Bible and in "Science and Health with Key to the Scriptures" by Mary Baker Eddy. In conjunction with the regular meetings one free lecture on Christian Science is given, to which all are cordially invited.

## **5:15 Club**

The 5:15 Club, originally formed four years ago as the Commuters' Association, which had as its purpose, the bringing together of the commuting students in social and fraternal contact and the development of their interest

in undergraduate activities, is one of the youngest and yet one of the largest and most active of the undergraduate organizations at the Institute. In its short existence it has enjoyed unparalleled growth and now boasts of close to four hundred members, with a substantial increase every year.

Membership in the Club is open to all students who do not live in the dormitories or the fraternity houses. In addition, local clubs have been formed of members in the various districts of greater Boston. The club is managed by an executive committee composed of a president, vice-president, secretary, treasurer, and two members-at-large, and a board of directors composed of the chairmen of the several local clubs.

Because of its remarkable growth and the success of its purpose the club was accorded the use of a room in Walker Memorial for the combined uses as a lunchroom, study room, reading room and social room.

Several large dances were given last year, outstanding of which were the New Year's eve masquerade and the post examination moonlight sail aboard the steamer "S. S. Steel Pier" in June, both of which have become annual events. Other events were a fathers' and sons' night at which club members and their dads enjoyed dinner and sports events

as well as recreation together; the conduction of a bowling tournament among several of the local clubs, the winner of which competed against the outstanding dormitory and fraternity teams; and participation in squash racquets, tennis and basketball tournaments.

### **Tech DeMolay Club**

The Tech DeMolay Club was organized to bring together DeMolays attending the Institute and to furnish the opportunity for the members of the Order, past and present, who are at M. I. T. to continue with DeMolay. A number of supper meetings will be held throughout the year, the club will also visit local chapters. Several social get-togethers with Rainbow groups are being planned.

All incoming DeMolays are urged to sign up for membership at the DeMolay booth in the main lobby on registration day.

### **Menorah Society**

The Menorah Society has for its primary purpose the fostering of closer relationship between the students of Jewish faith at the Institute. The society is not connected with any temple or institution, but conducts all of its own discussions, meetings, and social affairs.

The M. I. T. chapter is affiliated with the Greater Boston Council of Intercollegiate Menorah Societies, which comprises chapters at Simmons, Radcliffe, Teacher's College, Portia Law School, Emerson, Harvard, Tufts and M. I. T.

This group conducts several intercollegiate dances during the year in which members of all chapters participate. In addition, debates and discussions between the chapters on topics of current religious interest are sponsored.

Tech's chapter has rapidly grown in size and interest since its institution several years ago until it is now one of the strongest in the intercollegiate body. Opportunity to join is given to entering men on Registration Day.

### **M. I. T. Radio Society**

The M. I. T. Radio Society is an organization for the purpose of allowing those students who are interested in amateur radio to continue their hobby while at the Institute. The Society is an affiliated club of the American Radio Relay League and is the oldest college radio club in the United States.

All members who hold amateur operator's licenses are entitled to operate the Society's station, W1MX. 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. Each of these transmitters has a capacity of 150 watts power input. The transmitters are all panel mounted and can be operated at will from the operator's position. A code practice oscillator and a frequency meter-monitor are also available at the operator's position.

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

All freshmen amateur radio operators and others interested are requested to get in touch with the Secretary (in the Dorms) immediately after school starts.

### **Square and Compass**

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

### **Unity Club**

The M. I. T. Unity Club was organized for the purpose of bringing together students of the Unitarian, Universalist and other liberal faiths for friendship and exchange of ideas. All student religious liberals are cordially invited to join.

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## *Honorary Societies*

**Agenda.** A Sophomore honorary society to promote closer relations between the two lower classes in the dormitories.

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

**Alpha Phi Omega** is the national honorary scouting fraternity. The local chapter, Alpha Chi, has been organized in order that former scouts may continue their scouting relations at Technology. Membership is open to those who have had an exceptional record in scouting. Its activities include week-end camping trips and service to the local scout councils.

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

**Beaver Key Society.** A junior honorary society. This organization acts as official host to visiting athletic teams. Members are chosen from outstanding managers, athletes, and men from other activities. Additional members are elected at large from the Junior class.

**Beaver Club.** Junior Honorary Society. Members chosen from the leaders of the Sophomore Class on both an activity and a social basis.

**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.

**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.

**Gridiron.** 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 Honorary Military Fraternity, whose members are chosen from advanced R. O. T. C. officers who have proved their general aptitude.

**Scroll.** Honorary Society of the Tech Engineering News. Its members are men who have distinguished themselves on this publication.

**Sigma Xi.** Honorary Society for encouragement of original investigation in pure and applied science.

**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.

**Tech Swim Club.** The purpose of the club is to enliven interest in swimming at Technology, to advance it as a sport, and to bring

together those men at Tech that are interested in seeing this sport prosper.

Members are chosen from the swimming squad who show eagerness and enthusiasm in swimming and who meet certain requirements of character.

The Club handles the Freshman Rally, the annual inter-class meet, and, this year, may attempt a swimming meet for individual Tech championships in the divers events. It hopes some day to see a pool at M. I. T. and does everything to stir up action for obtaining one.

**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 high-lights 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.

**T**HE 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 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.

Plans are underway to enlarge the scope of activities of the Publicity Department of the M. I. T. A. A. This department will handle the publication of all data concerning the teams of M. I. T. and all publicity of the various athletics. Positions are at present open to four freshmen and two sophomores. Aspirants are urged to report to the M. I. T. A. A. office at once as the work of the department is starting immediately.

## **Freshman Athletic Requirements**

Faculty regulations require that all freshmen take Physical Training. This consists of two hours per week of calisthenics in the gymnasium during the last ten weeks of the first semester and the first ten weeks of the

last semester. Sports may be substituted for the gym work only by seeing the Physical Director in Walker. Attendance at the sports is compulsory three times a week in the afternoon after school and not in the periods reserved for P. T.

## Crew

The object of crew at Technology has always been to give the maximum number of men an opportunity to participate in a healthful, enjoyable sport, and to develop varsity crews of recognized ability in intercollegiate competition. For the 1937-38 season, Coach Cedric Valentine will continue his excellent work with the 150 pound crews. Valentine's Varsity 150 pound crew won the Henley regatta, the most coveted honor for a fifty crew, on Lake Carnegie, May 15, 1937. To do this, they had to defeat the speedy crews of Harvard, Yale, Cornell, Penn, Columbia, Syracuse, and Princeton. Again 'Pat' Manning will have charge of the Freshman Heavies. It is hoped that the crews of the Class of '41 will make as enviable record as the Freshmen have this season.

This is a sport for which everyone can go out. If one weighs over 160 pounds, there are the Freshman Heavies, the Varsity, and the Junior Varsity. For men less than 155



pounds, there are the Freshman and Varsity 150 pound crews, and for those less than 125 pounds, there is the position of coxwain.

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 to be October 29. 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 Freshmen 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

**T**RACK 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 straightaway. 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. and B. A. A., at Boston, the Millrose games and the I. C. 4A games at New York. 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 Greater Boston Intercollegiate Meet. The Varsity meets the leading Eastern colleges besides competing in the N. E. I. C. A. A., the I. C. 4A outdoor Meets. The Freshman team meets many of the preparatory schools

and colleges' Freshman teams in New England. One of the most popular competitions is the Interclass Meet, which was won last year by the Juniors.

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 everyone 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**

**C**ROSS 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

**B**ASKETBALL 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

**G**YM, 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. The coach has been a trainer for three U. S. Olympic Gym Teams, and has also been a recognized Intercollegiate Gymnastics Judge for several seasons.

Three years ago a freshman team was organized and allowed to participate in several meets. Proving itself to be very worthwhile, 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

**T**HE 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 preparatory schools 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

**T**HE 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 one of the most popular sports of the country. Both schedules include 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

**T**HE 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 practices on clay courts either in Cambridge or at various clubs on the outskirts of Boston; and has matches with the leading Eastern colleges besides entering the New England Lawn Tennis Association matches. The Freshmen meet the best college freshmen and preparatory school teams in New England.

## Fencing

**F**ENCING 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 leading 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

**W**RESTLING has now become one of the most important sports at Technology, keeping pace with the growth of 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

**S**OCCER, in its tenth 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. 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. Eight games have been scheduled for the 1937 Freshman season.

## Rifle Team

**T**HE 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. Any member of the Intercollegiate Team who demonstrates ability over and above the requirements for the T-crossed rifles is eligible for the straight T. 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.

## 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 ten 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.

Lacrosse last year gained recognition as a substitute for physical training during the spring.

## Golf

**A**S 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

**H**ERETOFORE the game of Squash Racquets has been played almost entirely in the more exclusive private clubs. Recent introduction of it to collegiate



RICHARD BELL, '34  
Making Institute Record in 200-Yard-Dash 21 4-5 Sec.

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 five 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, including the Intercollegiates, 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-yd. dash	10 s.	R. Bell	1932	9 4-5 s.	9.6 s.
220-yd. dash	22 s.	C. W. Gram	1932	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 s.	47 s.
880-yd. run	1.55	G. J. Leness	1925	1.54 2-5 s.	1.51 9-10 s.
1-mile run	4.23 1-5 s.	H. Guerke	1936	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	51 ft. 6 5-8 in.	53 ft. 2 3-4 in.
Hammer throw	158 ft. 6 in.	G. G. Dandrow	1921	171 ft. 1 in.	181 ft. 6 1-4 in.
Discus throw	133 ft. 6 in.	J. R. Graham	1936	154 ft. 1 in.	163 ft. 7 3-8 in.
High jump	6 ft. 3 in.	J. R. Thomson	1935	6 ft. 3 5-8 in.	6 ft. 6 1-8 in.
Broad jump	24 ft. 2 in.	S. T. Johnson	1935	24 ft. 5-8 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	12 ft. 9 in.	14 ft. 5 1-8 in.

1 mile Indoor Relay 3.29 2-10s. Fogliano, Footz, Sabi, Cooper 1937

## 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	E. P. Cooper '37	May 16, 1934	2 m. 1 s.
1 mile	H. H. Guerke '37	May 1934	4 m. 32 s.
120 high hurdles	S. T. Johnson '36	May 24, 1933	16 1-5 s.
220 low hurdles	A. C. Faatz '37	May 10, 1934	25 s.
High jump	J. R. Thomson '37	May 23, 1934	6 ft. 7-8 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	J. R. Thomson '37	May 10, 1934	48 ft. 6 in.
12-pound hammer	F. Glantsberg '27	May 3, 1924	162 ft. 4 in.
Discus	P. Hardy	May 1928	125 ft. 6 in.
Javelin	J. A. Robertson '32	May 24, 1929	167 ft. 3 in.



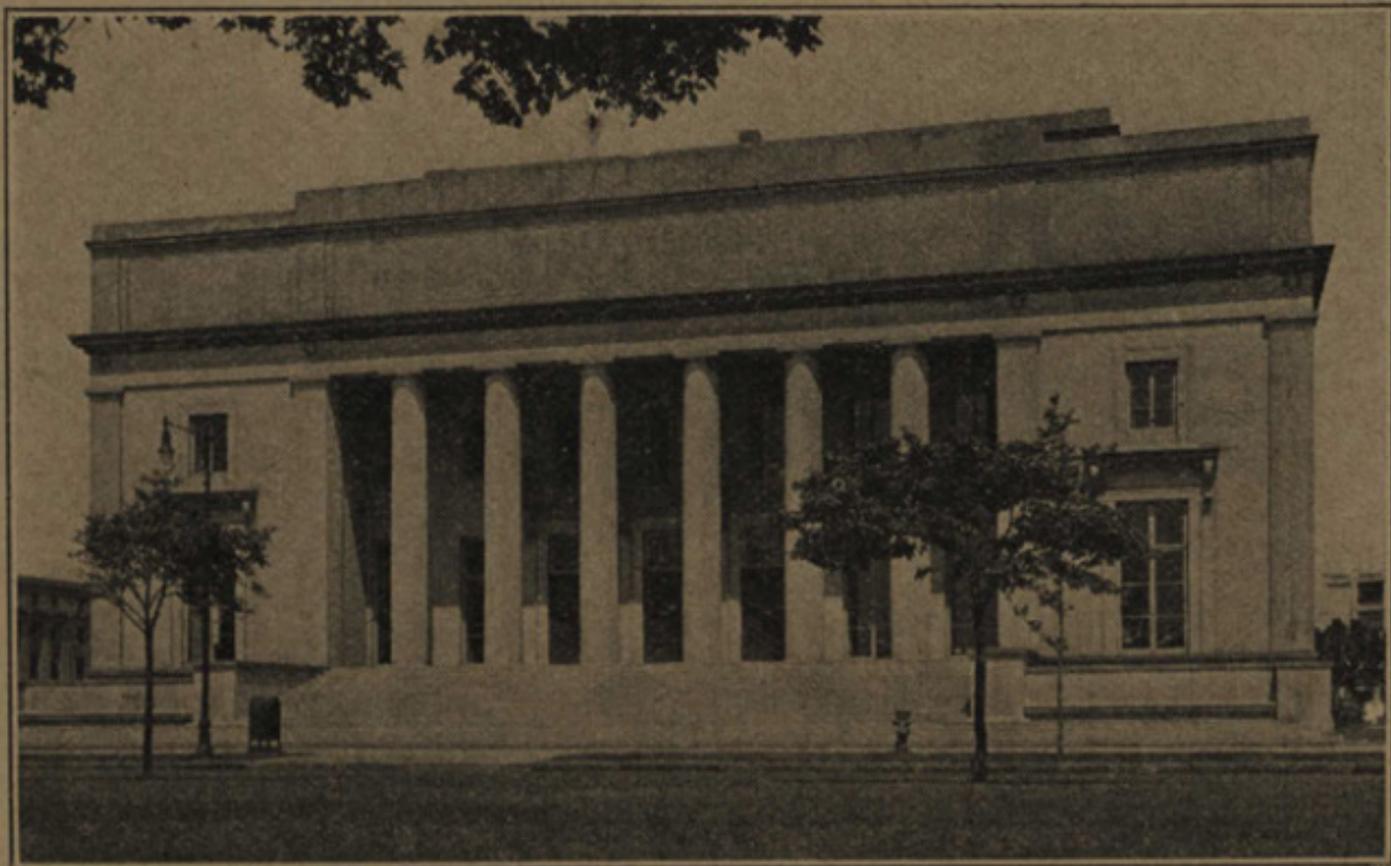
DAVID A. WRIGHT, '38  
President Technology Christian Association

# THE TECHNOLOGY CHRISTIAN ASSOCIATION

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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. It is commonly known around the school as the "T. C. A." and has the reputation of being one of the leading organizations of its kind in the country. It is strictly a student service organization and is in no way connected with the State Y. M. C. A. Although much religious and social work is done in connection with the functions undertaken by the Association an emphasis is placed on rendering service to the school and offering assistance in every way possible to anyone who is in need of it. In the following summary may be found a list of the numerous departments into which the work of the Association is divided.

The work of the Association is financed by the contributions of the undergraduates. There is no membership fee, but every undergraduate and faculty member is given a chance to contribute in the fall of each year during the annual drive. The Advisory Board maintains the secretaries and office assistants,



THE WALKER MEMORIAL

and advises regarding the organization's policies. Active direction of the Association's affairs, however, is in the hands of the Executive Committee and the Cabinet.

### **Advisory Board**

Percy Rolfe Ziegler, '00, Chairman; Wolcott A. Hokanson, Treasurer; Dr. John W. Chamberlain, '28; Leicester F. Hamilton, '14; Carle R. Hayward, '04; Dr. Egon E. Kattwinkel, '23; William H. Timbie.

### **Executive Committee**

President, David A. Wright, '38.

Vice President, Edward J. Kuhn, '38.

Secretary, Norris G. Barr, '38.

Treasurer, Chauncey F. Bell, Jr., '38.

## **DIVISION I**

### **Employment Bureau**

Mr. Pennell N. Aborn, Employment Secretary.

**S**TUDENT employment at the Massachusetts Institute of Technology is directed by the Student 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



PENNELL N. ABORN  
Employment Secretary

that Technology students will be employed when part time positions are available.

While Technology students, because of their training, may take advantage of opportunities not available to students of other institutions in this locality, it must be emphasized that most of these positions are available only to upper classmen, so that the prospective student should not anticipate employment of a character much different than is obtained by first year men in other universities.

It is well to realize that competition for available positions is very keen among the students of the many educational institutions in the vicinity of Boston. This condition results in less demand upon any one school, acts as a barrier to high wages and makes the position of the job-holder more precarious.

While early correspondence about employment is invited, it is extremely doubtful that a definite decision can be made before arrival in Cambridge.

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 as self-support is a handicap and if, unnecessary, deprives a really needy student of his livelihood.



WALLACE M. ROSS  
General Secretary Technology  
Christian Association

## DIVISION II

Elmer F. DeTiere, Jr., '39 Division Manager,  
(Freshmen Camp)

Robert G. Fife '39, Department Director,  
(Boys' Work)

Robert S. Clements '40, Department Director,  
(Boys' Work)

William H. Hagenbuch '40, Department Director,  
(Tech Cabin)

### Freshman Camp

Freshman Camp offers the incoming class the only orientation program at Technology. During the pleasant week-end, 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.

### Boys' Work

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.

### **Tech Cabin**

The Tech Cabin was built at Lake Masapoag, approximately 36 miles from Tech, at a cost of \$6,000 by the T. C. A. Each fall the Cabin is used as headquarters for Freshman Camp. During the school year groups numbering up to thirty drive up to the Cabin to spend the week-end. The Cabin was built to be used by Tech students and may be reserved by any group applying at the T. C. A. office.

### **DIVISION III**

Nicholas E. Carr, Jr., '39, Division Manager,  
(General Manager of Handbook)

John L. Danforth '40, Editor of Handbook

James J. Shipman, '40, Business Manager of  
Handbook

Andrew F. Kopischiansky, '40, Department  
Director, (Foreign Students)

### **Handbook**

This is the fortieth 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 upper-classmen on request.

## Foreign Students

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 215 students were in attendance from 39 countries. It is the object of this department 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.

## DIVISION IV

John A. Beaujean, '39, Division Manager,  
(Freshman Advisors)

Arthur L. Adams, Jr., '40, Department Director,  
(T. C. A. Blotter)

Franklin E. Penn, '40, Department Director,  
(T. C. A. Blotter)

N. Bruce Duffett, '40, Department Director,  
(Book Exchange)

## **Freshman Advisors**

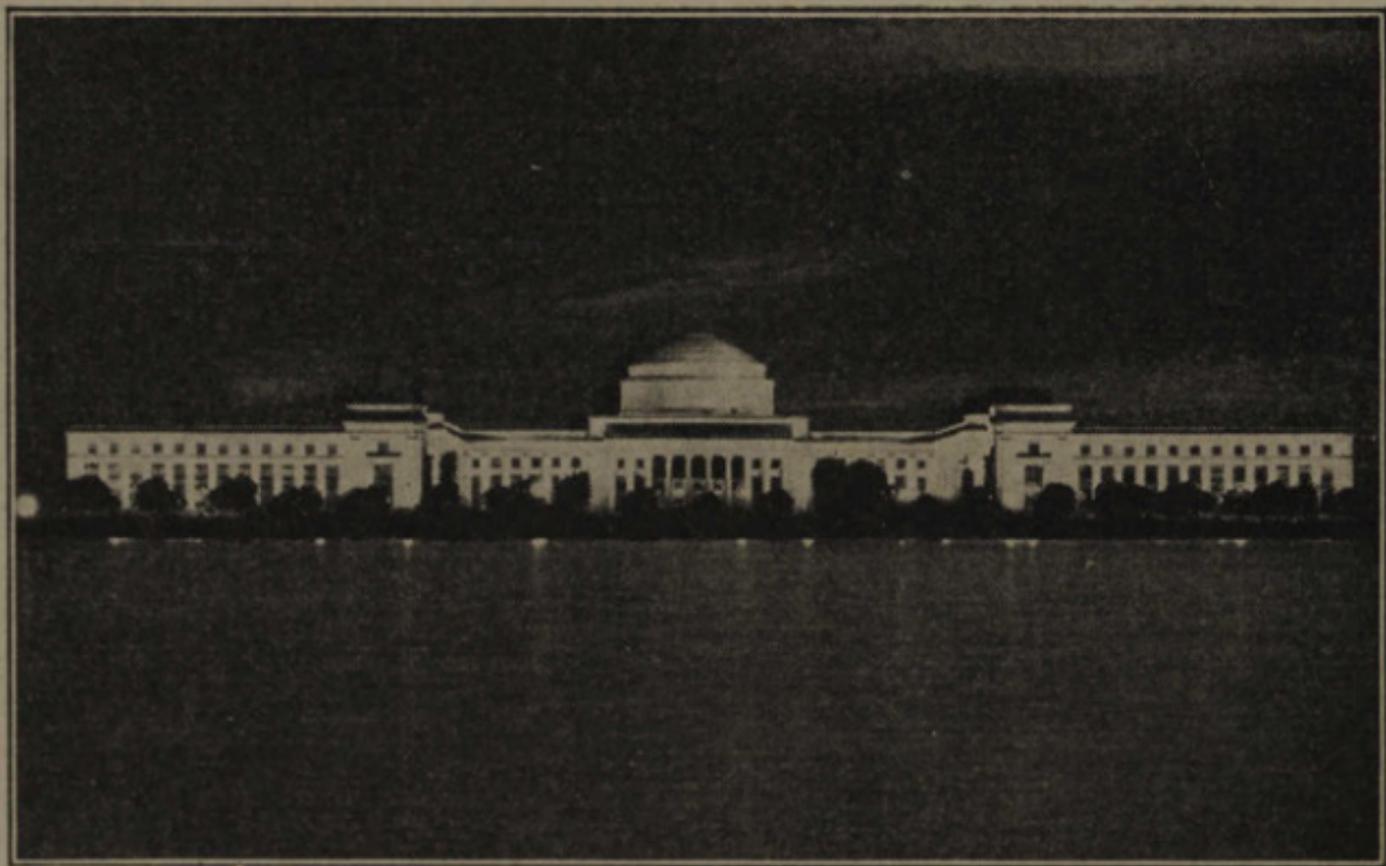
Before coming to school, freshmen receive letters from their advisors. The latter wish to help the new men get started in their strange surroundings, and make their first few weeks as pleasant as possible. If freshmen have any problems these are the men to consult.

## **Blotter**

Twenty-five hundred 19 x 24 desk blotters are distributed at the beginning of each term 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 numbers of the Institute activities and fraternities. A copy of this blotter may be obtained in the T. C. A. office at the beginning of each term.

## **Book Exchange**

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.



THE INSTITUTE AT NIGHT

## **DIVISION V**

George R. Mitchell, Jr., '39, Division Manager, (Undergraduate Drive)

George F. Campbell, '40, Department Director, (Advisory Board Solicitations)

William R. Taylor, '40, Department Director, (Advisory Board Receipts)

### **Undergraduate Drive**

Every year, in order to meet the expenses of its undergraduate activities, the T. C. A. conducts a drive. This is carried on among the students of the Institute and all those who are able contribute.

### **Advisory Board Solicitation**

The money received from the Undergraduate Drive is used for undergraduate activities. This money does not go to pay the salaries of the General Secretary, Employment Secretary or Office Secretary. To collect the necessary money for this purpose a solicitation of the faculty, parents of freshmen and alumni is carried on. The work connected with the mailing of letters to these groups is placed in Division V.

## DIVISION VI

William A. Davis, '39, Division Manager,  
(Church Relations)

J. Warren Evans, '39, Department Director,  
(Meetings)

David M. Johnstone, '40, Department Director,  
(Conferences)

Wylie C. Kirkpatrick, '40, Department Director,  
(Deputations)

### Church Relations

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 and those who already are by posting church bulletins throughout the Institute, dormitories and fraternities. 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.

### Meetings

It is the duty of this department to represent the T. C. A. at meetings of organizations

with which we have a common purpose, and, more important, to schedule meetings of its own to which speakers are invited who have something of value to offer to the students. The Technology Embassy, inaugurated last year, comes under this classification. It consists of a lecture of a religious nature, given by some religious leader, which is followed by the visit of a clergyman to each participating fraternity for supper and a "bull session" afterward. Dormitory and commuting students also take part. The entire affair is voluntary on the part of the student.

## Conferences

Throughout the year a number of conferences are held to which Tech always sends a delegation. The Conference Department organizes these delegations.

Besides numerous small gatherings there is the Annual Student Christian Movement Conference. It is to be held, this year, about the middle of June at Lake Sebago, Maine.

This conference is a co-educational inter-collegiate gathering to which all of the colleges in New England send delegates. In the past Tech has been well represented, and we hope that it will continue to be one of the leaders at the conference.

## Deputations

The department of deputations organizes groups of students to visit young peoples' groups and schools near Boston in order to present their views on subjects of interest to these people. Usually these subjects cover some phase of college life and activities.

The department endeavors to organize teams for this work, but occasionally individual deputations are sent. When efficient deputation teams have received some training in visiting groups for an afternoon or evening, they may be on weekend trips to private schools or colleges in New England. All expenses are paid and this work offers a fine opportunity for those who like to meet people and talk with prominent leaders.

## DIVISION VII

Peter M. Bernays, '39, Division Manager,  
(Room Registry)

James E. Fifield, '40, Department Director,  
(Social Work)

John A. Berges, '40, Department Director,  
(Information)

William S. Kather, '40, Department Director,  
(Ticket Service)

Benjamin A. Boshier, '40, (Airline Service)

## **Room Registry**

For those students who do not wish to live in the dormitories or at a fraternity house, the T. C. A. maintains a list of available rooms near the Institute. Rooms in Boston and Cambridge are inspected in an effort to collect all possible information regarding them and those letting them. For the days immediately preceding and following Registration Day this service will be given at the left of the lobby in Walker Memorial.

## **Ticket Service**

A ticket service has been maintained by the T. C. A. for the past five years. Tickets may be obtained for all theaters at box office prices, thus saving a student the trouble of going to the theater for them.

During the football season, tickets to all home games played by Harvard may be obtained here.

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

During the past year there has been placed at the disposal of the students and staff of Technology a special airline service which allows 15 per cent. reduction on all air travel.

It has been so arranged that students, including those of the class of '41, who wish to travel by air when they come to Tech next fall can take advantage of the reduced rates.

Complete information may be obtained by writing to the Airline Ticket service, c/o Technology Christian Association.

### **Social Work**

Often various social organizations in and near Boston ask for assistants in social work or for help in obtaining entertainment for special occasions. The T. C. A. has always tried to be of service as much as possible in such instances.

### **Information**

The information cards which are filled out by freshmen and transfers, and which may be seen by activities, fraternities, etc., are in charge of this department. A time table rack in which time tables of about fifty different roads are kept is always under this department's supervision. Clippings and pictures of current interest, as well as the daily movie programs, are posted on the bulletin board outside the office door. Any and all questions regarding Technology life may be referred to this department.

## *Tech-in-Turkey*

Last spring the Technology Christian Association decided to go in on a foreign work project as have many other colleges. Robert College, Istanbul, was selected as the place. The college has an Engineering department and only English is spoken in the classroom which facilitates Technology's particular interest there. The representative serves as an instructor. Salary and transportation costs are met by the T. C. A. (totaling \$1,000), while Robert College provides board, room, and laundry.

The benefits of the Tech-in-Turkey project are mainly fourfold: (1) Benefit to the college and the student body by the presence of our representative financial, teaching and informal association with the students, (2) The real development obtained by the representative being in another part of the world for a year, (3) The planting, figuratively speaking, of Tech's banner in another country, and (4) The laying of foundations, small though they may be, which might make for better understanding, good will and world peace.



TECH BOATHOUSE

## *The M. I. T. Student House*

**T**HROUGH the interest of an anonymous donor the M. I. T. Student House has been established at 59 Bay State Road, Boston. Twenty-five students live in this house, doing all the work except the cooking, thereby effecting a material saving in living expenses. The House is completely equipped so that residents need only their personal effects.

Direct control of the House is under the Advisory Board of the Technology Christian Association and the student executive committee chosen by the residents. The Advisory Board has selected a hostess who resides in the House and assists in its operation.

Candidates for residence should apply to Mr. Pennell N. Aborn, Student Employment Bureau, T. C. A. Office or the Executive Committee of the House for application blank or additional information.



## CHRIST CHURCH

A. D. 1759

Harvard Square, Cambridge

C. Leslie Glenn

Harold B. Sedgwick

Frederic Kellogg

Tel. TROwbridge 0200

**Sunday Services:** Holy Communion, 7.30 and 8.30. Morning Prayer and Sermon, 9.30 and 11.00. Evening Prayer and Sermon, 8.00.

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## *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 10.30 A. M. Sunday Evening Club 7.30 P. M.

### CHRISTIAN SCIENCE

**First Church of Christ, Scientist**, Falmouth, Norway, and St. Paul Sts., Boston. Services 10.45 A. M. and 7.30 P. M.

# Trinity Church

Copley Square

## Ministers .

Rev. Arthur Lee Kinsolving, Rector

Rev. William E. Gardner

Rev. Jesse M. Trotter

Rev. Gardiner H. Shattuck  
(In charge of Student Work)

## Sunday Services

8.00 A. M. Holy Communion

11.00 A. M. Morning Prayer and Sermon

4.30 P. M. Vesper Service

5.30 P. M. Meeting of Students and Young  
People

7.30 P. M. Evening Service and Address

Students are invited to become regular members of the fellowship of Trinity Church during their college years. The clergy welcome opportunities to meet and know all new students.

A Young People's Corporate Communion is held on the third Sunday in each month at 8 a. m.

On Sunday afternoons at 5.30 informal meetings for Students and Young People are held in the Parish House.

**CONGREGATIONAL**

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

**Harvard Church** in Brookline. Marion and Harvard Sts. Service 11.00 A. M. Student Meeting 8.00 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 6.15 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.

**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.  
Sunday School at 10.45 A. M.

Wednesday Evening Meeting 7.30 P. M.

**KING'S CHAPEL**

**(1686)**

**School and Tremont Streets  
Boston**

Rev. Palfrey Perkins, D.D., Minister  
Sunday, 11.00 A. M. Morning Prayer  
Sunday, 6.30 P. M. Students' Club at  
27 Marlborough Street

**SPECIAL RATES**

to

**T. C. A. MEMBERS**

**Boston Y. M. C. A.  
316 Huntington Avenue**

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

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

**Christ Church** in Cambridge, Garden St.  
near Harvard Square. Services: 7.30, 8.30,  
9.30, and 11.00 A. M., 8.00 P. M.

## LUTHERAN

**Harvard St. Lutheran Church**, 321 Har-  
vard St., Cambridge, (near Hancock St.).  
Service 10.30 A. M. Bible Class and Open  
Forum, 8 P. M.

**University Lutheran Church**, Winthrop  
St., Cambridge, between Dunster and Boylston  
Sts., (Near Harvard Square). Service 10.45  
A. M. Student supper and forum, 6.15 P. M.

## 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 11.00 A. M. Evening program for  
students at 7.30 P. M.

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

**Old South Church**  
**IN BOSTON**

**COPLEY SQUARE**

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

**Rev. James Hodges Perkins**  
**Associate Minister**

**Lee Bergsman**  
**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  
6.15 P. M. Student Group  
Supper served at 25 cents each  
7.00 P. M. Student Group Discussion Meet-  
ing  
4.30 P. M. Vespers

**WEDNESDAY**

- 8.00 P. M. Worship Service with sermon

Students are cordially welcome at all ser-  
vices and are especially invited to the Social  
Hour and Discussion Meeting beginning  
6.15 P. M. Sundays.

## 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. Students welcome at all hours. Sunday meetings, 4.00 to 10.00 P. M.

## ROMAN CATHOLIC

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

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

**The Cathedral of the Holy Cross**, Washington and Union Park Sts., Boston.

**St. Cecelia**, Belvidere and St. Cecelia Sts., Boston.

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

**EMMANUEL CHURCH**

15 Newbury St.

Between Arlington and Berkeley Streets

SUNDAY SERVICES 8, 10.15, 11 and 4

**Emmanuel Club for Students****6.30 P.M.**

Rev. Phillips Endecott Osgood, Rector

D.D., L.H.D.

Rev. Ivol Ira Curtis, Curate

**HARVARD ST. LUTHERAN  
CHURCH**

321 Harvard St., Cambridge (near Hancock)

GEO. O. LILLEGARD, Pastor. Tel. Eliot 0915

Sunday Services: English, 10.30 A. M.  
Norwegian, 1st and 3rd Sundays, 11.30 A. M.  
Bible Class and Open Forum, 8 P. M.

Lutherans from Synodical Conference  
Churches are invited to make this their  
church home.

**UNITARIAN**

**Arlington St. Church**, corner Arlington and Boylston Sts., Boston. Service 11.00 A. M. Student Group (weekly) 6.30 P. M.

**First Parish** in Cambridge. Harvard Square. Services 11.00 A. M. Junior Parish 6.30 P. M.

**First Church in Boston**, Berkeley and Marlborough Sts. Service 11.00 A. M. Young People's Society 7.30 P. M.

**Second Church in Boston**, Beacon St. and Park Drive. Service 11.00 A. M. Emerson Guild 6.00 P. M.

**King's Chapel**, School and Tremont Sts., Boston. Service 11.00 A. M. Freeman Club 6.30 P. M.

**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 11.00 A. M.

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

## *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-four fraternities which own houses. Among the twenty-four, 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-four 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 education. 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. The various fraternities have individual characteristics which should be recognized by the Freshman, who should select a group in which he will be congenial.

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.

### **Interfraternity Conference**

**T**HE Interfraternity Conference is an organization composed of two representatives from each fraternity at Technology. Its purpose is to serve as a representative of the fraternity system to the Institute and to its students. Its activities include the organization and management of the various interfraternity athletic contests in nearly every sport at Tech, and a dinner meeting four times a year. Its most notable contribution to the

social life at the Institute is the Interfraternity Conference Ball, the outstanding social event of the year, which is held in the spring.

### **Officers**

Chairman, Richard K. West

Secretary, Adam C. Gambel

Treasurer, Benjamin T. Howes

Institute Committee Representative, William  
G. Gibson

## *Fraternities*

**Alpha Tau Omega.** 37 Bay State Road, Boston. Founded 1865 at Virginia Military Institute, Beta Gamma chapter. Established 1885, 94 chapters. H. O. Saunders, President. Commonwealth 8029.

**Beta Theta Pi.** 241 Kent Street, Brookline. Founded 1839 at Miami University. Beta Upsilon chapter. Established 1913. 89 chapters. James M. Gilliss, President. Longwood 8409.

**Chi Phi.** 22 The Fenway, Boston. Founded 1824 at Princeton University. Beta chapter. Established 1890. 34 chapters. Chauncey F. Bell, Jr., President. Commonwealth 8355.

**Delta Kappa Epsilon.** 403 Memorial Drive, Cambridge. Founded 1844 at Yale University. Sigma Tau chapter. 48 chapters. Richard B. Young, President. Eliot 8150.

**Delta Psi (Number Six Club).** 428 Memorial Drive, Cambridge. Founded 1847 at Columbia University. Tau chapter. Established 1889. 9 chapters. Cornelius VanS. Roosevelt, President. Kirkland 0666.

**Delta Tau Delta.** 255 St. Paul Street, Brookline. Founded 1859 at Bethany College. Beta Nu chapter. Established 1899. 74 chapters. John R. Summerfield, President. Longwood 8614.

**Delta Upsilon.** 526 Beacon Street, Boston. Founded 1834 at Williams. Technology chapter. Established 1891. 61 chapters. Howard E. Milius, President. Commonwealth 8124.

**Kappa Sigma.** 33 Bay State Road, Boston. Founded 1869 at University of Virginia. Gamma Pi chapter. Established 1914. 108 chapters. J. C. Chatten, President. Commonwealth 8501 and 9401. J. N. Hobstetter, Chapter correspondent.

**Lamba Chi Alpha.** 441 Beacon Street, Boston. Founded 1909 at Boston University. Lambda chapter. Established 1912. 87 chapters. Atmore<sup>rd</sup> G. Strom, President. Commonwealth 9102.

**Phi Beta Delta.** 71 Bay State Road, Boston. Founded 1912 at Columbia University. Theta chapter. Established 1920. 32 chapters. Bernard Zuckerman, President. Commonwealth 7775.

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

**Phi Delta Theta.** 326 Bay State Road, Boston, Mass. Gamma chapter. Founded 1848. Miami University, Oxford, Ohio. 107 chapters. Edward J. Kulm, President. Longwood 8798.

**Phi Gamma Delta.** 28 The Fenway, Boston. Founded 1848 at Washington and Jefferson College. Iota Mu chapter. Established 1899. 73 chapters. Douglas G. Esperson, President. Commonwealth 8048.

**Phi Kappa.** 278 Commonwealth Avenue, Boston. Founded 1889 at Brown University. Eta chapter. Established 1918. 23 chapters. O. William Muckenhan, President. Circle 8468.

**Phi Kappa Sigma.** 530 Beacon Street, Boston. Founded 1850 at University of Pennsylvania. Alpha Mu chapter. Established 1903. 39 chapters. Richard K. West, President. Commonwealth 8630.

**Phi Mu Delta.** 460 Beacon Street, Boston. Founded 1918 at University of New Hampshire. Nu Delta chapter. Established 1922. 16 chapters. Francis S. Buffington, President.

**Phi Sigma Kappa.** 487 Commonwealth Avenue, Boston. Founded 1873 at Massachusetts Agricultural College. Omicron chapter. Established 1902. 46 chapters. James R. Cruciger, President. Circle 8093.

**Sigma Alpha Epsilon.** 484 Beacon Street, Boston. Founded 1856 at University of Alabama. Mass. Iota Tau chapter. Established 1892. 110 chapters. Wesley Ewing Gwalkin, President. Commonwealth 7762.

**Sigma Alpha Mu.** 83 Egmont Street, Brookline. Founded 1909 at College of the City of New York. Xi chapter. Established 1917. 37 chapters. Richard F. Cohen, President. Longwood 4288.

**Sigma Chi.** 532 Beacon Street, Boston. Founded 1855 at Miami University, Oxford, Ohio. Alpha Theta chapter. Established 1882. 97 chapters. Robert Iredell III, Consul. Commonwealth 8095.

**Sigma Nu.** 259 St. Paul Street, Brookline. Founded 1869 at Virginia Military Institute. Epsilon Theta chapter. Established 1922. 96 chapters. William G. Gibson, President. Longwood 9083.

**Theta Chi.** 528 Beacon Street, Boston. Founded 1856 at Norwich University. Beta chapter. Established 1902. 51 chapters. Willard Roper, President. Kenmore 3249.

**Theta Delta Chi.** 314 Memorial Drive, Cambridge. Founded 1847 at Union College. Theta Deuteron chapter. Established 1900. 28 chapters. Arthur F. Gould, President. Eliot 9809.

**Theta Xi.** 66 Bay State Road, Boston. Founded 1864 at Rensselaer Polytechnic Institute. Delta chapter. Established 1885. 35 chapters. Gordon E. Holbrook, President. Commonwealth 8614.

# CONSTITUTION



©.TRIMBLE

**CONSTITUTION**

of the

Massachusetts Institute of Technology  
Undergraduate Association

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**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 the 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

**The Institute Committee**

Section 1. All the legislature 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 acts 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  
M. I. T. Athletic Association  
Musical Clubs  
Technique  
Technology Christian Association  
The Tech  
Voo Doo  
Tech Engineering News  
Combined Professional Societies  
Walker Memorial Committee  
Budget Committee  
Elections Committee  
Commuters' Association  
Interfraternity Conference

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 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.

## FRESHMEN !!



a balanced education  
includes extra-curricular  
activities

There's a chance for you  
with ♥•••••  
The comic monthly



Can you write or draw  
a little?  
or do you have  
business ability

Why not meander around to  
303 Walker Memorial and see  
'Phos

The  Cat

Say that you saw it in the Handbook

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.

## 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 by publication or posting at least thirty (30) days before the day set for voting; two-thirds of the votes cast shall be necessary to adopt the same, provided twenty-five (25) per cent. 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; the three delegates of the Freshman Council; and shall furthermore consist of one representative from each undergraduate organization to whom a seat has been granted as hereinafter provided; and, in addition, the chairman of the various standing committees of The Institute Committee who are granted ex-officio membership of The Institute Committee.

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

Section 3. All 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 officers 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 constitution and by-laws of that organization. No person may become a member of The Institute Committee without submitting written credentials from the organization which he represents. In case the official representative of an organization cannot be present at a meeting of The Institute Committee, the Committee may seat a substitute who shall have a written authorization signed by the absent member or by the organization which he represents.

#### ARTICLE IV

Section 1. The officers and Executive Committee, as provided for in Article V, Section 1 and 2 of the Constitution, shall, with the exception of the President, the Chairman of the Budget Committee, and 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.

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 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 or subcommittees 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. The Secretary shall further send a list of all elections and appointments that have been approved by the Institute Committee subject to the approval of the Walker Memorial Committee to the Walker Memorial Committee immediately after each meeting of the Institute Committee.

Section 4. The Treasurer shall receive, be responsible for, and disburse all moneys of The Institute Committee and all its subcommittees 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 act as a Calendar Committee and shall receive from the Walker Memorial Committee, registration certificates for approval on all dates and places of Undergraduate events. All undergraduate organizations are subject to this approval as a prerequisite to the use of Institute facilities.

## 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 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 with Article IX, Section 3, 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 fifty (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:

- Alpha Chi Sigma
- Armenian Club
- Baton
- Beaver Club
- Beaver Key Society
- Benchmark
- Boat Club
- Catholic Club
- Chi Epsilon
- Chinese Students' Club
- Christian Science Organization
- Cleofan
- Dorclan
- Dorm Dinner Club
- Drama Shop
- Frieze and Cornice
- Grogo
- Hexalpha

**T**he Institute  
Yearbook

**E**

**C**ompetition open  
to freshmen

**H**

**N**ow is your  
chance

**I**

**Q**uickly  
sign up

**W**ork in the  
**A**rt, **L**iterary,  
**A**dvertising and  
**B**usiness **D**ivisions

**U**

**E**

Room 309

Walker Memorial

Say that you saw it in the Handbook

Liberal Club  
Masque  
Menorah Society  
Osiris  
Outing Club  
Quadrangle Club  
Radio Society  
Scabbard & Blade  
Scroll  
Tau Beta Pi  
Track Club  
Tech Union  
Unity Club  
Walker Club  
Woopgaroo

#### 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 that 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 section 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 third

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:

1. Budget Committee
2. Elections Committee
3. Walker Memorial Committee
4. Field Day Committee
5. Junior Prom Committee
6. Senior Week Committee
7. 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 four of these committees: the All-Tech Smoker Committee, the Senior Ring Committee, Senior Dance Committee, and Freshman Rules 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, Section 5.

### **ARTICLE III**

Section 1. This Committee shall consist of a Chairman, who shall be the ex-officio Treasurer of The Institute Committee, and of three associates, one of whom shall be the Treasurer of the M. I. T. Athletic Association, 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 Chairman shall be a senior elected by the Executive Committee of The Institute Committee subject to the ratification of The Institute Committee at the first meeting of that Committee following class elections. The two junior members of the Budget Committee shall be elected by The Executive Committee of the Institute Committee. Both Junior Members shall be elected subject to the ratification of The Institute Committee at the second meeting of that body following the class elections.

#### 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 The Undergraduate Dues.

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 Under-

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graduate 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. Athletic Association.

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 (\$5.00) shall be imposed for each late report.

7. To receive and permanently file monthly

operating statements and balance sheets from the M. I. T. A. A., Musical Clubs, T. C. A., Technique, T. E. N., The Tech, and Voo Doo. A fine of one dollar (\$1.00) shall be imposed for each report filed later than the fifteenth 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 (\$1.00) payable January first, except that organizations financed by The Undergraduate Dues shall pay no dues to The Budget Committee. A fine of five dollars (\$5.00) shall be imposed for late payment of dues.

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

#### GROUP A

The Institute Committee  
The four classes  
M. I. T. Athletic Association  
Musical Clubs  
Technology Christian Association  
Technique  
Tech Engineering News  
The Tech  
Voo Doo

## GROUP B

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

## 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 The 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 Undergraduate Dues in favor of the organization fined until such fine has been fully paid.

## ARTICLE VI

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

## ELECTIONS COMMITTEE

### ARTICLE I

The name of this Committee shall be The Elections Committee.

### ARTICLE II

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

## ARTICLE III

Section 1. The Committee shall consist of a Chairman, who is 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 first 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



## The Technology Newspaper

The most active activity at the Institute offers all undergraduates opportunities to gain business and journalistic experience.

Reporting  
Reviewing  
Accounting  
Sports

Advertising  
Circulation  
Editing  
Personnel



News Room  
Room 3

Business Office  
Room 301

Walker Memorial

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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, Junior Prom Committee, Senior Week Committee, and Senior Class Marshals elections shall be by the 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 by members of his own class for but a single 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 nominate ..... for..... of our class.

(Sponsors' signatures)

I hereby accept the nomination.

(Signature of nominee .....)

For all class elections there shall be the signatures of twenty-five (25) sponsors on the nomination blank, and no individual may sign the nomination blank of more than one candidate for any office. For the election of the Junior Prom Committee there shall be the signatures of twenty-five (25) sponsors on the nomination blank. For the election of the Senior Week Committee there shall be the signatures of ten (10) sponsors on the nomination blank.

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

Nominees are requested, but not required, to submit to the Elections Committee the

following material along with their nominations:

- (1) Cumulative rating.
- (2) Residential group.
- (3) Activity record at M. I. T. (in tabular form).

(4) A full face photograph of the standard dimensions, 4 x 5 inches.

Nominees for the Senior Week Elections are exempt from this ruling.

Section 6. The Elections Committee shall provide one standard printed nomination blank to each candidate. This blank shall provide space for thirty-five (35) names. Nominations on any other forms shall not be accepted.

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 ( $1\frac{1}{2}$ ) 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 (24) hours before the opening of the poll. The ballots required for mailing shall be in the possession of the Chairman by three 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 Council elections shall be held on the Wednesday of the third week of the first term and again on the Thursday of the second week of the second term. Nominations shall be held two days in advance. Further nominations will be in order at the time of the elections.

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

(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 elections shall be held on the first, second or third Wednesday in April.

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 5.20 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 booth. No one except those in charge of elections shall be admitted to this space unless there is an empty booth. The voter on exit shall separate the two portions of his ballot, dropping the upper portion in the ballot box, and giving the lower portion containing his signature to the attendant at the exit.

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

The counting shall be done by 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 except that the Chairman shall transmit the complete results of the elections to the President of the Senior Class as soon as the results are determined.

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 shall not conflict with any part of the Constitution of the Undergraduate Association or its accompanying By-Laws.

Section 17. All forms of electioneering at the polls shall be prohibited; and no recognized undergraduate activity shall engage in any form of electioneering.

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 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 some one has a majority.

If two candidates are to be elected find the man who has the highest count by the method

just indicated. Then eliminate his votes, and start again with the first choice.

Section 20. Three candidates are to be elected as Class Day Marshals, and twenty 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.

## 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.

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

**SENIOR WEEK COMMITTEE  
CONSTITUTION**

## ARTICLE I

The name of this Committee shall be the Senior Week Committee.

## ARTICLE II

The purpose of this committee shall be to arrange and conduct Senior Week.

## ARTICLE III

Section 1. This committee shall consist of twenty seniors elected by the Senior Class at a regular election conducted by the Elections Committee before the end of the fifth week of the second term.

Section 2. This Committee shall be a subcommittee of the Institute Committee and shall be responsible to it.

## ARTICLE IV

Section 1. The Executive Committee of the Institute Committee shall appoint a Junior member to the Senior Week Committee prior to the Senior Week Committee elections.

Section 2. The Junior Member shall keep all accounts, receive and deposit all income, and shall pay out all moneys as directed by the Executive Committee of Senior Week Committee.

Section 3. The Junior Member shall further keep a record of the order of arrangement of all events, the attendance at each, and all printed material pertinent to Senior Week.

Section 4. The Junior Member shall in the following fall, after all bills have been paid and the \$300 returned to the class treasury, divide the remaining assets amongst the members of the Committee and return it to them.

Section 5. The Junior Member shall not share in the profit or loss of the Committee during his Junior year.

Section 6. The Junior Member shall submit a formal report at the third meeting of the Institute Committee in the fall. This report shall contain all budgets, incomes and expense records and a profit and loss statement. It shall also contain a detailed account of each function, minutes of all meetings of the Senior Week Committee and Executive Committee of the Senior Week Committee as well as copies of all the literature, announcements, tickets etc. having to do with Senior Week.

Section 7. The Junior Member in his Senior year shall automatically be a member of the Executive Committee of the Senior Week Committee, as well as in his Junior year.

## ARTICLE V

Section 1. The Executive Committee shall consist of the Chairman, Secretary, Member-at-Large; President of Senior Class, last year's

Junior member and this year's Junior member shall be ex-officio members.

Section 2. If the Junior Member of last year is elected Chairman or Secretary, another member-at-large shall be elected to the Executive Committee.

## ARTICLE VI

Section 1. The President of Senior Class shall preside at the first meeting of the Senior Week Committee to be held within two weeks after the approval of the elections.

Section 2. At this meeting a chairman, a secretary, and member-at-large shall be elected by those present from amongst those present.

## ARTICLE VII

The Committee shall attend all functions of Senior Week free of charge.

## ARTICLE VIII

Section 1. The Committee shall borrow an amount not exceeding \$300 from the Class Treasury to be used as an operating fund.

Section 2. The Committee shall share evenly amongst themselves all profits remaining after

all expenses have been paid and the full amount borrowed from the Class Treasury has been returned.

Section 3. The Committee shall share evenly amongst themselves all debts remaining after the \$300 borrowed from the Class Treasury has been used.

## STUDENT FACULTY CURRICULUM COMMITTEE

### ARTICLE I

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

### ARTICLE II

This Committee shall consist of 3 Seniors, 2 Juniors, 1 Sophomore, 1 Second Term Freshman, who shall be chosen by the Executive Committee, subject to the approval of the Institute 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.

## THE WALKER MEMORIAL COMMITTEE

### ARTICLE I

The name of this Committee shall be The Walker Memorial Committee.

### ARTICLE II

Section 1. The purpose of this Committee shall be to regulate the Walker Memorial Building and Naval Hangar Gym and 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 ex-officio a member of The Institute Committee and The Executive Committee of The Institute Committee and six (6) other associates. The Chairman shall be a member of the Senior Class. The remainder of the Committee shall consist of two (2) members of the Junior Class and four (4) of the Sophomore Class.

Section 2. At the first meeting of The Executive Committee of The Institute Committee following spring class elections, the Executive Committee of the Institute Com-

mittee shall elect subject to the ratification of the Institute Committee a chairman of the Walker Memorial Committee for the coming year. The retiring Chairman of the Walker Memorial Committee shall also recommend at this time, for election to The Walker Memorial Committee, the names of two (2) members of the Sophomore Class who become Junior members of The Walker Memorial Committee, and who shall be voted upon in the same manner as the Chairman.

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 (4) 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 Building 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 the 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 (1) week previous to date of function. Failure to do so shall incur a fine of five dollars (\$5.00).

5. To levy a fine of one dollar (\$1.00) on any organization which holds a meeting in the Walker Memorial Building or Naval Hangar Gym unauthorized by the Walker Memorial 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.

7. To approve all elections and appoint-

ments according to the provisions hereinafter provided under the Point System.

## 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.

- (a) To register and approve the dates and places of all events of all undergraduate organizations and to present registration certificates to the Executive Committee, acting as a Calendar Committee, for approval. Any organization not so registered is prohibited the use of Institute facilities.

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.

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The Coop Luncheonette Soda Fountain,  
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BREAKFAST 8.30 to 10.30  
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Served all day

STORE HOURS 8.30 to 5.30  
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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 Building and the Naval Hangar Gym.

6. To cooperate 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 and to enforce and regulate the Point System.

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

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 Walker Memorial Committee and approved by The Executive Committee.

Section 3. No senior may be allowed to carry more than twelve (12) points and no Junior, Sophomore, or Freshman may be allowed to carry more than ten (10) 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 the specified permit.

Section 4. 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.

Section 5. 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 Walker Memorial Committee and unless the report of the organization's elections is signed by the Chairman of the Walker Memorial Committee.

Section 6. A record of all persons in activities must be kept by The Walker Memorial Committee, and a report made by this Committee at every meeting of the Institute Committee. The Walker Memorial Committee shall hold a meeting of all its members before each meeting of the Institute Committee and bring all records up to date.

Section 7. Before the close of the tenure of office of the members of The Walker Memorial Committee, the points assigned to all positions shall be referred to The Institute Committee for action. Such action is to take effect with the appointment of a new Walker Memorial Committee.

Section 8. To notify the high or preparatory school of any man upon his election or appoint-

ment to an office of importance in undergraduate activities.

## ARTICLE VII

The points shall be as follows:

### Classes

	Sr.	Jr.	Soph.
President	12	9	7
Vice-President	1	1	1
Secretary-Treasurer	2	2	2
Institute Committee	5	4	4

### Freshman Council

Secretary	4
Members of Institute Committee	3
Members	2

## COMMITTEES

### Institute Committee

Secretary	3
Vice-President	2
Senior Member	5
Junior Member	4
Sophomore Member	4
Freshman Member	3

### Walker Memorial Committee

Chairman	10
Junior Members	7
Sophomore Members	6

**The Budget Committee**

Chairman	10
Members	8

**Elections Committee**

Chairman	5
Members	1

**Junior Prom**

Committee Members	3
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**Student Curriculum Committee**

Chairman	2
Members	1

**Senior Ring Committee**

Chairman	2
Secretary	1

**All Tech Smoker Committee**

Members	1
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**Dormitory Committee**

Chairman	8
Treasurer	4
Secretary	3
Hall Chairman	2
Members-at-Large	1
Dance Committee	
Chairman	4
Members	1

**Open House Committee**

Chairman	7
Chairman of Sub Committee	6
Member of Sub Committee	3

**PUBLICATIONS****Technique**

General Manager	10
Editor	9
Business Manager	8
Departments Editor	8
Features Editor	7
Advertising Manager	7
Treasurer	7
Art Editor	5
Circulation Manager	5
Publicity Manager	5
Photographic Editor	5
Staff	3
Sophomore Assistant	5

**Voo Doo**

General Manager	10
Managing Editor	9
Business Manager	9
Treasurer	7
Advertising Manager	7
Circulation Manager	7
Publicity Manager	7
Editor	7
Assistant Editor	5
Associate Treasurer	5
Art Editor	5
Literary Editor	5
Exchange Editor	5
Assistant Editors	3
Business Associates	3

**The Tech**

General Manager	10
Editor <sup>2</sup>	9
Managing Editor	9
Business Manager	9
Editorial Board	2
Assistant Editors	6
Business Associates	6
Staff Writers	3
Associate Advertising Managers	4
Staff	3

**The Tech Engineering News**

General Manager	10
Editor-in-Chief	9
Business Manager	9
Advertising Manager	7
Circulation Manager	7
Associate Editors	7
Managing Editors	7
Treasurer	7
Publicity Manager	7
Associate Advertising Manager	5
Associate Circulation Manager	5
Assistant Editors	5
Assistant Managing Editors	5
Assistant Advertising Manager	5
Assistant Treasurer	5
Contributing Editors	1
Art Editors	4
Staff	3

**ACTIVITIES AND ORGANIZATIONS****Technology Christian Association**

President	10
Vice-President	6
Secretary	6
Treasurer	8
Division Managers	5
Departments Directors	3
President Freshman Council	2

**Professional Societies**

President	4
Vice-President	2
Secretary	2
Treasurer	2
Members of Governing Boards, Directors, etc.	1

**Combined Professional Society  
Executive Committee**

Chairman	4
Secretary-Treasurer	3
Chairman of Standing Committee	2
Members of Standing Committee	1

**Clubs and Societies**

President	3
Vice-President	1
Secretary	1
Treasurer	1

**5.15 Club**

President	8
Vice-President	2
Secretary	3
Treasurer	4
Members-at-Large	1
Room Committee Chairman	3
Activities Committee Chairman	2
Budget Chairman	2
Publicity Chairman	2
Athletics Chairman	2
Dance Committee Chairman	2
Smoker Committee Chairman	2
Members of Committees	1

**Drama Shop**

President	5
Secretary-Treasurer	3
Production Manager	3
Associate Managers	2
Cast	2

**Debating Society**

President	5
Vice-President-Manager	4
Secretary-Treasurer	3
Executive Committee	2

**Gridiron**

Treasurer	5
President	2
Secretary	1

**Combined Musical Clubs**

General Manager	10
Concert Managers	7
Treasurer	7
Leaders of Clubs	7
Assistants	5

**Interfraternity Conference**

Secretary	2
Treasurer	2

**Outing Club**

President	5
Vice-President	3
Secretary-Treasurer	3
Chairman of Standing Committee	1

**Nautical Association**

Commodore	5
Vice Commodore	3
Secretary-Treasurer	3
Chairman of Race Committee	4
Members of Race Committee	2

## ATHLETICS

## M. I. T. A. A.

President	10
Vice-President	2
Secretary	7
Treasurer	9
Junior Assistant Treasurer	6
Sophomore Assistant Treasurer	4
Publicity Manager	5
Assistant Publicity Manager	4

	Manager of Sports	Soph. Ass't.	Fresh. Ass't.
Track	9	5	4
Crew	9	5	4
Basketball	6	4	3
Equipment	6	4	3
Swimming	6	4	3
Soccer	6	4	3
Hockey	6	4	3
Wrestling	6	4	3
Tennis	6	4	3
Gym	6	4	3
Lacrosse	6	4	3
Fencing	6	4	3
Field Day Manager	5		
Rifle	5	3	2
Golf	5	3	2
Class Teams	3		
Field Day Football	3	1	1
Intramural Baseball	3		

## ARTICLE VIII

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.

## 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 the Freshman Council, the Freshman Class shall be under the supervision of the Field Day Committee.

## ARTICLE IV

Section 1. The officers of the class, with the exception of the Freshman Class, shall consist of a President, Vice-President, Secretary-Treasurer, 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.

Section 2. The Freshman Class shall be organized in accordance with Article VA.

## 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 in the class. He shall countersign all requisitions issued by the class.

Section 2. The Vice-President shall assume the duties of President in case of the latter's disability, absence, or resignation.

Section 3. The Secretary-Treasurer 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. He shall be responsible for the disbursement of all moneys of the class. He shall deposit all money of the class with the Treasurer of The Institute Committee and shall sign all requisitions for the expenditures of such moneys. He shall prepare a budget for all the expenditures of the class, which shall be submitted to The Budget Committee after it has been approved by the Executive Committee of the class. He shall keep accounts of moneys received or due from the undergraduate dues separate from those received from other sources. He shall observe the regulations of The Budget Committee.

Section 4. The Executive Committee shall have the power to appoint such committees as it deems necessary.

Section 5. The Executive Committee shall have the power to fill vacancies occurring within itself, subject to the ratification of The Institute Committee.

## ARTICLE VA

Section 1. The Freshman Council shall consist of one representative from each section of the class. The President of the Junior Class shall be chairman of the Freshman Council. There shall be no Executive Committee.

Section 2. The purpose of the Freshman Council shall be to handle all appropriate matters in connection with Field Day, to assist in the placement of freshmen in student activities, and to attend to other class business. The Council shall meet at least once a month.

Section 3. The President of the Junior Class shall preside over all meetings of the Freshman Class and the Council, and shall be ex-officio member of all committees in the class previous to the election of regular officers in April. He shall countersign all requisitions issued by the class and shall submit monthly reports of the activities of the class to the Institute Committee.

Section 4. At its second meeting in the first term and at its meeting in the second term, the Council shall elect three delegates to the Institute Committee, one of whom shall act as Secretary-Treasurer of the Council.

Section 5. The duties of the Secretary-Treasurer shall be as prescribed in Article V, Section 3.

## ARTICLE VI

Section 1. Class meetings shall be called by the President, Executive Committee, the Chairman of the Freshman Council, or by the written request to the President signed by thirty (30) 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 members of the Freshman Council shall be elected during the third week of the first term and again during the second week of the second term. There shall be one man and an alternate elected from each section under the auspices of the Elections Committee.

## ARTICLE VIII

Section 1. 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

Section 1. In case of dispute, the correct interpretation of this Constitution shall be determined by the Institute Committee.

## ARTICLE X

Section 1. This Constitution will automatically become the constitution of every class upon its registration at The Institute.

## ARTICLE XI

Section 1. A two-thirds vote of The Executive Committee shall be necessary to amend this Constitution, subject to the approval of The Institute Committee.

## ARTICLE XII

The following regulations shall apply to all class dances with the exception of the Junior Prom or a function held in connection with Senior Week.

Section 1. The members of the Executive Committee shall automatically be members of the class Dance Committee. They may, if they desire, appoint additional members to the Dance Committee, subject to the approval of the Institute Committee.

Section 2. The chairman of the Dance Committee shall be chosen by the members of the Dance Committee.

Section 3. The chairman of the Dance Committee must present a budget of expenses to the

Budget Committee, for approval and supervision, not less than two weeks before the date of the dance. He shall also present to the Budget Committee a complete financial report not later than two weeks after the date of the dance.

Section 4. No members of the Dance Committee may make a profit from the dance as individuals. All profits shall be turned over to the class treasury. If a class dance is operated under the above regulations, any losses which it sustains may be withdrawn from the class funds.

### ARTICLE XIII

Section 1. Fifty per cent (50%) of any profit from the Junior Prom shall be turned over to the class treasury. The remainder shall be placed in a Junior Prom reserve fund to be administered by the Budget Committee.

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**CALENDAR for 1937-1938****September**

- 24-27—Freshman Camp
- 27—Registration
- 27—All Tech Smoker
- 29—T. E. N.
- 30—Institute Committee Meeting

**October**

- 7—Institute Committee Meeting
- 12—Columbus Day
- 13-14—Freshman Council Nominations
- 13-14—Voo Doo
- 14—Catholic Club Dance
- 20—Freshman Council Elections
- 21—Institute Committee Meeting
- 29—Field Day
- 29—Dorm Dance

**November**

- 1-5—T. C. A. Drive
- Junior Prom Com. Elections
- 3—T. E. N.
- 4—Institute Committee Meeting
- 8-22—Senior Ring Sales
- 10—Sophomore Dance
- 10-11—Voo Doo
- 11—Armistice Day
- 18—Institute Committee Meeting
- 19—Boat Club Dance
- 24—5:15 Dance
- 25—Thanksgiving

**December**

- 1—T. E. N.
- 2—Institute Committee Meeting
- 10—Dorm Dance
- 15-16—Voo Doo
- 16—Institute Committee Meeting
- 23-Jan. 2—Christmas Holiday

**January**

- 5—T. E. N.
- 6—Institute Committee Meeting
- 7—Senior Dance
- 14—Catholic Club
- 17-18—Voo Doo
- 20—Institute Committee Meeting
- 22—Last Class
- 24—Feb. 5—Exams.

**February**

- 7—Registration Day
- 9—T. E. N.
- 10—Institute Committee Meeting
- 11—Dorm Dinner Dance
- 16-17—Freshman Council Elections
- 16-17—Voo Doo
- 22—Washington's Birthday
- 23—Senior Week Elections
- 24—Institute Committee Meeting
- 26—Catholic Club

**March**

- 4—Junior Prom
- 7-8—Voo Doo
- 9—T. E. N.
- 10—Institute Committee Meeting
- 18—Dorm Dance

**April**

- 1—Freshman Dance
- 5—T. E. N.
- 6-7—Voo Doo
- 7—Institute Committee Meeting
- 8—Walker Assemblies Ball
- 15—Good Friday
- 16-20—Spring Recess
- 27—Class Elections, T. E. N.
- 28—Institute Committee Meeting
- 29—I. F. C. Dance
- 30—Open House

**May**

- 4-5—Voo Doo
- 5—Institute Committee Meeting
- 19—Institute Committee Meeting
- 25—Last Exercises
- 26—Examinations Begin
- 30—Memorial Day

**June**

- 7—Commencement

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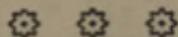


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