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M. I. T.

HANDBOOK

1948

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THE TECHNOLOGY  
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PRESENTS

THE HANDBOOK

1948

VOL. LII

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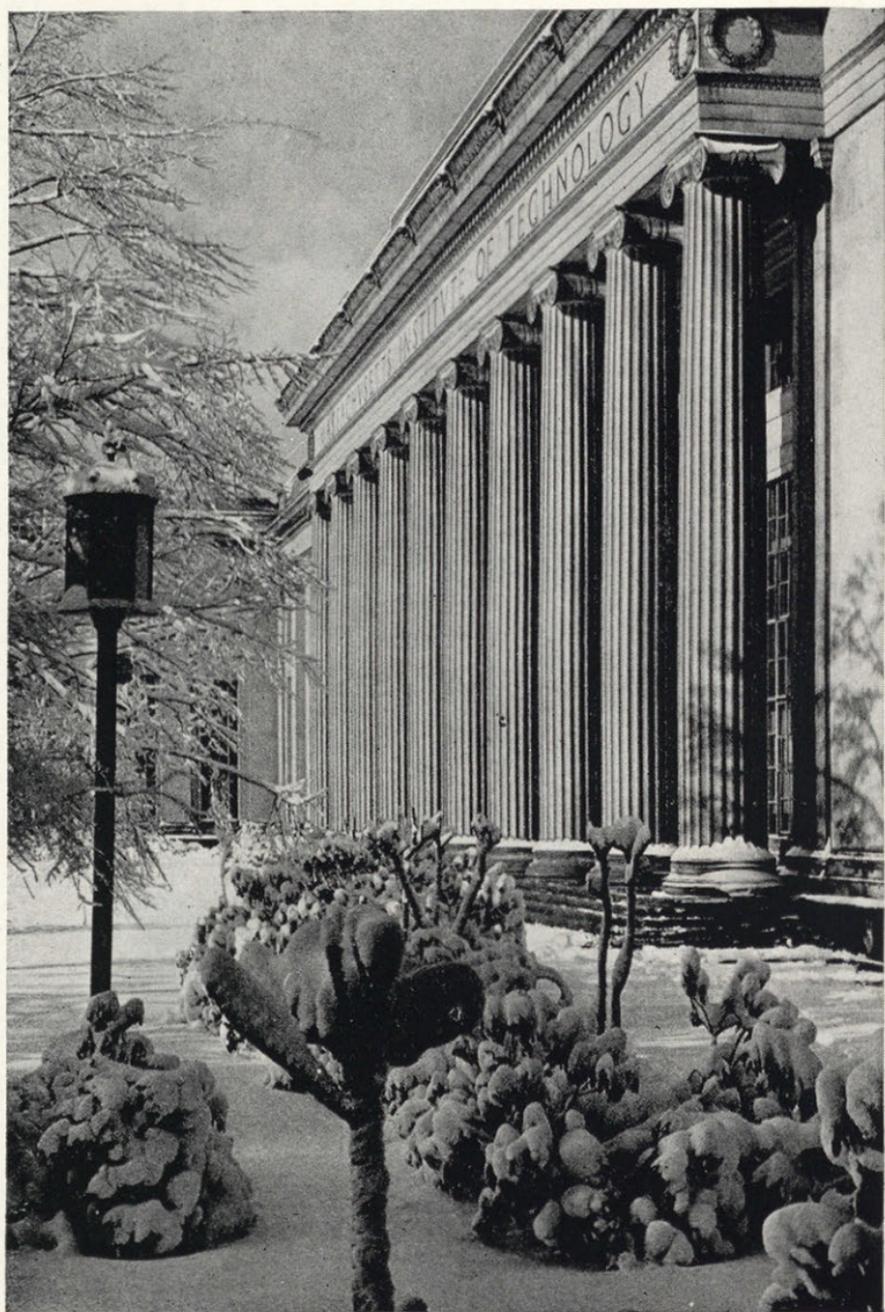
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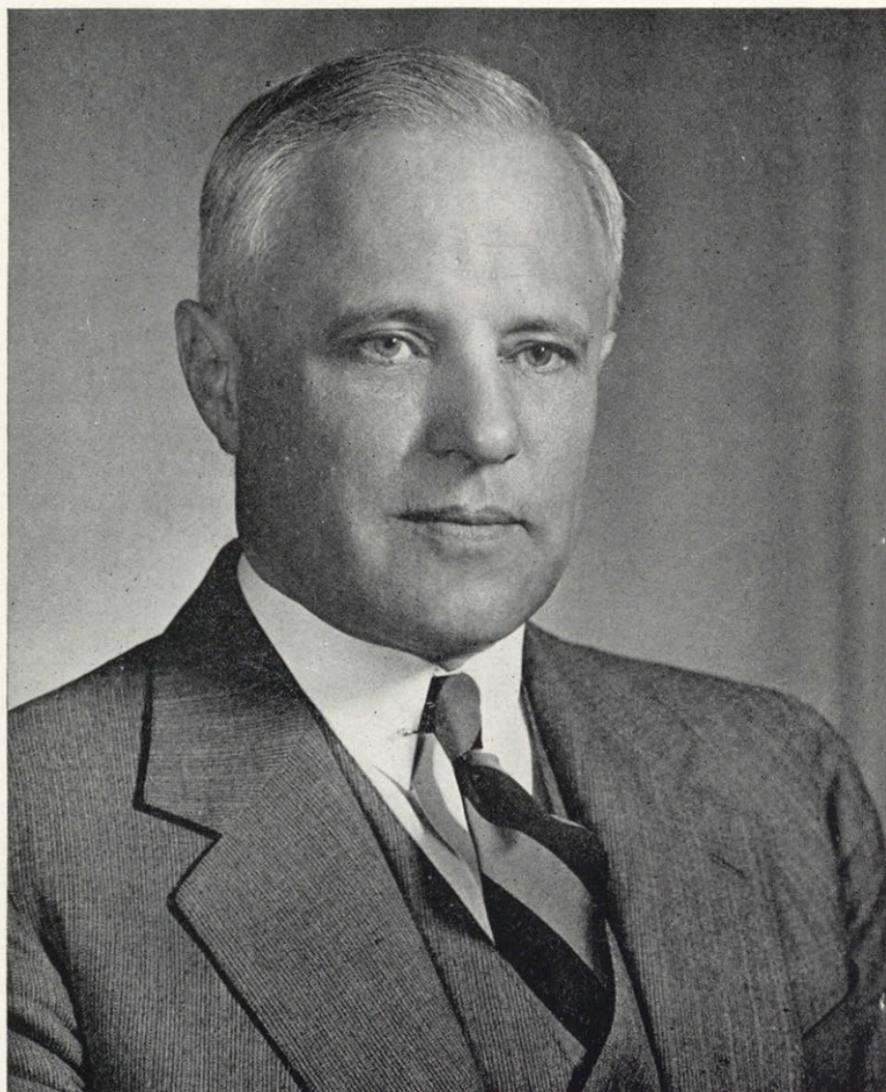
# TO INCOMING STUDENTS



MASSACHUSETTS INSTITUTE  
OF TECHNOLOGY

AUG 10 1998

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KARL TAYLOR COMPTON  
*President of the Institute*

## WELCOME FROM THE PRESIDENT

TO MEMBERS OF THE FRESHMAN CLASS:

You are entering Technology at the beginning of a great development period which we are confident will enable M. I. T. to be of greatly increased service to the nation and its youth. During your student days you will see some actual results of this program in the realization of such projects as the supersonic wind tunnel, a new senior house, an athletic cage, and the Charles Hayden Memorial Library.

As a student at Technology you will have greater freedom than you have had in secondary school. This carries with it an opportunity and a responsibility not only to adjust yourself to the new and challenging environment of the Institute but also to establish firmly your own set of values with which to determine your actions as a man throughout your life.

Tech offers much to choose from both scholastically and in many extra-curricular activities. Make your choices with an eye on the future—not only as a scientist, engineer or architect—but as a member of society.

It gives me great pleasure to welcome you personally and officially into the “Tech family” and to wish you happiness during your years at M. I. T.

KARL T. COMPTON,  
*President*

# WELCOME FROM THE OFFICE OF THE DEAN OF STUDENTS

TO FIRST YEAR STUDENTS:

A hearty and cordial welcome to you.

The Office of the Dean of Students is here to help you and all other students at the Institute to acquire more than knowledge and skills that result from academic work stimulated by lectures and reinforced in the class rooms and laboratories. We are here particularly to help you to develop those qualities of character and personality which you can learn best by living and working together with your contemporaries, your Instructors and Professors.

Education is more than the learning of a body of facts and the acquiring of certain professional techniques. There are other things that you can master here that are equally, if not more, important, particularly the skills and the attitudes that will make you a self-reliant, cooperative citizen. You can learn the high art of living happily with others. You can learn to think of yourself always as related to your total community—the world.

For this, however, you must take the initiative. The Faculty prescribes your course of study and the Institute curriculum requires you to be proficient in a certain amount of Science and the Humanities, but the Institute *cannot require* you to develop to be the kind of man that other men respect and whose company they enjoy. Beyond that the art of living is up to you. The opportunities for such development are great and many of them, under the auspices of the Institute Committee, are described in this handbook. This Office will help you in every possible way.

We hope that all the days of your years here, filled with work and play, will be stimulating, fruitful and happy.

EVERETT MOORE BAKER,  
*Dean of Students*

THOMAS P. PITRE,  
*Dean of Freshmen*

JAMES L. PHILLIPS,  
*Assistant to the Dean of Students*

## TECHNOLOGY TIPS

**LIFE AT TECH.** While Tech does require that much of your time be spent in academic fields, it has been proven that those students who do not get outside interests and activities tend to become socially backward "book worms." They may be brilliant engineers but they are not the type of man that industry wants or that Tech would like to produce. You of the freshman class are about to enter one of the world's finest engineering schools, and to meet its standards you will have to work hard. However, most of us find from two to three hours a day to devote to recreation. Activities and athletics provide valuable recreation, an outlet for surplus energy, and an excellent training ground for the art of working and living with our fellow human beings. Dances, concerts, and parties are frequently held—both at Tech and at the many girls' colleges in Greater Boston. Social life should be a definite must on everyone's calendar. Remember you are up here primarily to get a formal technical education, but even more important than that is the development of your character and personality.

**YOUR LIVING QUARTERS.** There are essentially three types of living quarters available to you—fraternities, dormitories, and private homes or boarding houses. You will be faced with the problem of making a choice of one of these almost immediately. Due to the large number of students presently enrolled in the Institute, the dormitories cannot take care of all applications. It is advisable to come to Boston about a week early in order to get settled in a suitable place. Also, fraternities are rushing during this week prior to Registration Day. The T. C. A. has a Room Registry service which lists rooms available to Tech students. Further information regarding living quarters is available in another section of the Handbook.

We have found from experience that, before making a definite decision, it is helpful to ask yourself the following questions:

1. Will my life be well-balanced, with companions whose comradeship will be conducive to work and study, but with whom I can have a good time in my leisure hours?
2. Will my quarters permit adequate facilities for my meals?
3. Will my quarters permit me to work efficiently without any disturbing influences?
4. Which of the three possibilities will offer me the most for the amount of money that I can afford?

**INFORMATION.** For general information about M. I. T., you will find the Information Office in Room 7-111. On registration day, obtain the General Bulletin here. This tells about books, assignments, and the like, necessary for your first classes at the Institute. This office also has copies of the M. I. T. Catalogue for those requesting it. The Catalogue is a complete directory to the Institute, containing a listing of courses and subjects, Institute faculty and officers, the year's calendar, and a great deal of other important information. The Information Office also has street directories and timetables, and a notary public.

The T. C. A. office has up-to-the-minute information on theatres, churches, and museums, as well as local street directories, maps, and timetables.

Walker Memorial Committee serves as an information center for any queries on student life and student activities.

Here at Tech we consider ourselves to be one big family, so don't hesitate to call on anyone at anytime.

**ROOM NUMBERING.** At first you may think the system of numbering rooms in the main building cryptic. You will soon learn, however, that it is entirely logical and makes it very easy to reach any location with no other knowledge than the number of the room itself. The main buildings are divided into sections, each bearing an identifying number. The section under the great dome is Building 10. From this location facing the river, odd-numbered buildings are on the right, even-numbered on the left, starting at the extreme wings near the river. Thus, Building 1 is on Memorial Drive at the corner of Massachusetts Avenue, and Building 2 is at the opposite extremity toward Walker Memorial. The building number is the first figure in each room identification. Each floor is assigned its appropriate number in hundreds. The basement is 000; the first floor is 100; the third floor is 300; and so on. The room itself is identified by the last two figures, as 46 or 39. As an example, Room 3-270 is in Building 3, (as indicated by 3), on the Massachusetts Avenue wing, on the second floor (200), and is numbered 70.

**LOCKERS AND TOWEL SERVICE.** There are convenient lockers for coats and books located in the basement of Building 2. There are also lockers in the Swimming Pool and the Field House. Locker rental is 75 cents a year, with an additional \$1.00 refundable key deposit. Upon payment of a \$2.00 fee, students will receive a card entitling them to an unlimited number of clean towels during the year on return of used ones. Rentals and fees may be paid and keys ob-

tained at the office of the Superintendent of Buildings and Power, Room 24-117.

**SUPPLIES.** It would be advisable to bring with you any slide rules, drafting instruments, and athletic equipment that you happen to have. Paper, textbooks and other supplies may be purchased reasonably at the Tech Store, and with respect to this we recommend that you become a member of the Cooperative Society. The cost is \$1 and all members receive a refund of a fixed percentage of their purchases. Second-hand books and supplies may be purchased at the T. C. A. Office in the basement of Walker Memorial.

Since a slide rule is a very important part of a Tech man's life, considerable thought should be given to the type purchased. Ordinarily, it is best to wait until arriving in Boston, so that the correct type of rule can be purchased (this is most easily done through the Tech Store). However, shortages sometimes prevent students from obtaining rules as quickly as necessary. Generally speaking, the most satisfactory rule is one of the log-log duplex deci-trig type (Keuffel and Esser puts out a model most frequently purchased by Tech students). This rule will cost about \$18. They are well worth the investment, as a Tech man lives with his slide rule—it cuts a six hour assignment down to four.

**PERSONAL ITEMS.** There's an old saying that if you don't like Boston's weather, wait fifteen minutes and it will change. You will probably have to put up with rain, sleet, snow, hail, fog, dew, and equal extremes of cold and heat. There are no regulations on clothes, but remember Tech is located in a thriving metropolitan city where there are many places to go and things to do and see—in short, bring all clothing you think you will need.

It's hard to say whether or not you will need any bed linen. Practically all places supply linen and towels, but with regards to blankets it is impossible to make any generalizations. Our advice is not to bother to bring blankets with you, and if you find you need them you can write home.

Since the school provides little athletic equipment, it is advisable to bring your own. There is an active intra-mural sports program at Tech plus organized inter-collegiate sports. You will want to take part in these.

**YOUR FINANCES.** Your expenses during the first month will be higher than usual. New books for the first term will cost about \$25, but you must consider extras such as notebooks, sliderules, drawing sets, and the like if you do not have them.

In regard to ordinary living expenses we refer you to the M. I. T. Catalog which has a good approximation of these. They will vary somewhat depending on where you live, but not to any great extent.

Student deposit accounts may be opened free of charge by any registered student at the Cashier's Office, Room 10-180. There is no minimum balance required at any time. You may withdraw up to \$25 twice a week, and larger amounts, when needed, with permission of the Bursar.

**TRANSPORTATION.** Transportation facilities in the vicinity of Boston are fairly good. A comprehensive system of buses and underground railways enables one to reach nearly any part of Boston quickly and easily. A map of the entire system may be obtained after your arrival in Boston either from the elevated system or from the TCA.

Taxi cabs in Boston are a difficult means of transportation. Fares are unusually high, and taxis are frequently hard to get when they are most wanted. Generally, this type of transportation should be avoided where possible.

Transportation to and from school is easily solved. Walking is universally used in good and even bad weather. Most students are able to obtain residence within easy walking distance of MIT. Many students, however, may be seen frequently on the Boston side of Harvard Bridge hitching a ride over the  $\frac{1}{2}$  mile span.

Transporting trunks, boxes, and other large objects frequently offers a problem to students, especially incoming freshmen. Arrangements with the Armstrong Baggage and Transfer Company enable the student to check his bags directly through to his residence place at a very reasonable charge.

**ENTERTAINMENT.** Boston is an historic place. One of the "musts" on the list of all those who spend any time in Boston should be to see the main points of interest. Many people spend four years in Boston without seeing such famous places as Bunker Hill Monument. Some time should be put aside for this type of entertainment.

For those who like the theater, Boston boasts a fairly good section of playhouses. From four to five first run stage shows are running at nearly all times.

For the musically inclined, Boston offers very special opportunities. Symphony Hall, Pops Concerts, and other concerts at churches and music schools throughout the city offer a varied program to those interested.

**GRADING SYSTEM.** The Institute distributes an official publication to students and parents which explains the grading system at Tech. Extra copies can be obtained at the Information Office, Room 7-111.

**LOANS AND SCHOLARSHIPS.** There are a good number of scholarships both special and academic, available to students. Loans covering as much as full tuition can be secured from the Technology Loan Fund. Full information regarding both is available at the Dean's office.

Following is a list of the better known girls' schools in and near Boston which may prove of use:

Academie Moderne .....	CI	7-9080
Boston Secretarial School .....	LI	2-8309
Emerson College .....	KE	6-7191
373 Commonwealth Ave. ....	CI	7-8829, 7-8727
304 Commonwealth Ave. ....	CI	7-8479
Emmanuel College .....	AS	7-9340
Fisher School .....	KE	6-4647
Florence Hall .....	CI	7-8625
Sarah Mortimer Hall .....	CI	7-8238, 7-8510
Garland School		
Donham House .....	CI	7-9737
409 Commonwealth Ave. ....	CI	7-9759
Stannard House .....	CI	7-7730
339 Commonwealth Ave. ....	CI	7-9191
Bradley House .....	CI	7-7583
Katherine Gibbs School .....	CO	6-2475
Kathleen Dell .....	AS	7-2700
Lasell Junior College .....	LA	7-0630
Carpenter Hall .....	LA	7-9518
Gardner Hall .....	LA	7-9520
Nursery Training School of Boston.....	CI	7-9586
Pine Manor Junior College.....	WE	5-3010
Radcliffe College .....	KI	7-4600
Ames House .....	EL	4-9285
Barnard Hall .....	EL	4-9433
Bertram Hall .....	EL	4-8374
Briggs Hall .....	EL	4-9195
Buckingham House .....	EL	4-9479
Cabot Hall .....	EL	4-9230
Edmands House .....	EL	4-8519
Eliot Hall .....	EL	4-8314
Everett House .....	EL	4-9651
Putnam House .....	EL	4-9424
Read House .....	EL	4-9460
Saville House .....	EL	4-9801

Trowbridge House .....	EL	4-8807
3 St. Johns Road.....	EL	4-9467
1 St. Johns Road.....	EL	4-9308
Whitman Hall .....	EL	4-9400
Regis College .....	WA	5-1820
235 Wellesley .....	WA	5-4095
Wellesley College .....	WE	5-0320
Agora .....	WE	5-1011-M
Beebe Hall .....	WE	5-3360
Cazenove Hall .....	WE	5-3450
Clafin Hall .....	WE	5-0640
Crawford House .....	WE	5-0320
Crofton House .....	WE	5-1961
Dower House .....	WE	5-0495
Eliot House .....	WE	5-0712
Elms House .....	WE	5-1243
Fiske House .....	WE	5-0753
Homestead House .....	WE	5-0415
Horton House .....	WE	5-1162
Joslyn House .....	WE	5-3958
Little House .....	WE	5-0626
Munger Hall .....	WE	5-2320
Navy House .....	WE	5-2283, 5-0145
Noanett House .....	WE	5-0716
Norumbega House .....	WE	5-0143
Olive Davis Hall .....	WE	5-1940
Phi Sigma .....	WE	5-0721-W
Pomeroy Hall .....	WE	5-2773
Severance Hall .....	WE	5-1663
Shafer Hall .....	WE	5-1942
Shakespeare Hall .....	WE	5-4069-W
Stone Hall .....	WE	5-1944
Tau Zeta Epsilon .....	WE	5-1011-W
Tower Court East .....	WE	5-3422, 5-2081
Tower Court West .....	WE	5-3420, 5-2392
Wash House .....	WE	5-2219
Webb House .....	WE	5-1053
Wiswall House .....	WE	5-0112
Zeta Alpha .....	WE	5-0721-M
Wheelock College .....	AS	7-7050
22 Carlton St. ....	LO	6-9181
116 Colchester St. ....	LO	6-8541
287 Kent St. ....	LO	6-8577
4 Monmouth St. ....	LO	6-9205
39 Pilgrim Rd. ....	LO	6-8708, 6-8818
41 Pilgrim Rd. ....	LO	6-9687, 6-9260
100 Riverway .....	LO	6-9047

## MEDICAL SERVICE

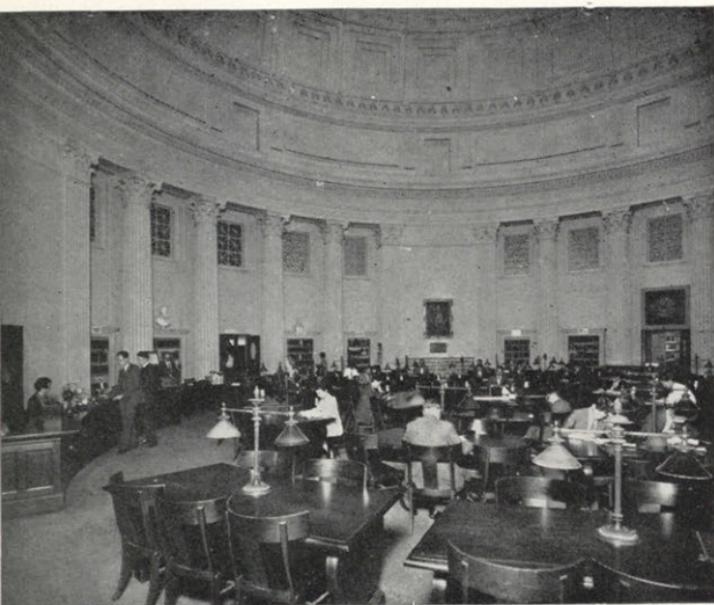
The Institute maintains a Medical Department, which is housed in the Homberg Memorial Infirmary in Building 11. A staff of doctors maintains regular office hours from 8:30 to 5 o'clock each day from Monday through Friday. At other times emergency medical care may be secured by going to the third floor of the Homberg Infirmary. In addition to regular medical and surgical clinics, special clinics are maintained in Ophthalmology, Otolaryngology, Psychiatry, Neurology, Dermatology, and Occupational Medicine. Complete laboratory and x-ray service is also available in the Department as well as facilities for basal metabolism rate determinations and electrocardiograms.

All entering students are required to receive a complete physical examination, including a chest x-ray and a dental checkup. These examinations should be completed within six weeks of matriculation, and appointments for them are made at the reception desk on the first floor of the Infirmary.

In cases of illness, accident, or emergency, call the Infirmary at Kirkland 7-6900, Extension 481 during the day and Kirkland 7-6916 at night, Saturdays, Sundays, and holidays. A physician is there all day or on call at any time day or night, and nurses are on duty at all times throughout the year.

Medical service is without charge for routine medical and surgical illness of minor nature and for psychiatric consultations. A charge ranging from \$2.00 to \$3.00 is made for consultations in the Dermatology and Otolaryngology Clinics, and a charge of \$3.00 is made for eye refractions and simple x-rays. The charge per day for students for residence in the Infirmary is \$3.00 for ward beds and \$4.00 for private rooms.

In the event of a student's needing a major surgical operation he is transferred to one of the Boston hospitals of his own choice if possible. Persons suffering with communicable diseases are transferred to the Haynes Memorial Hospital in Brighton. Expenses in outside hospitals are borne by the student. An x-ray of the chest of each student is required each year, and for sophomores and juniors this will replace the requirement of an annual physical examination. There is no charge for routine required x-rays.



CENTRAL LIBRARY

## LIBRARIES

VERNON D. TATE  
*Librarian*

ROBERT E. BOOTH  
*Associate  
Librarian*

THE M. I. T. libraries are an indispensable part of the Institute program. The collections are planned to

supplement the teaching and research activities of the Institute and offer unexcelled facilities in the literature of science, engineering and technology both for our students and our faculty. The Institute Library system, with approximately 400,000 volumes is made up of the Central Library and seven branch libraries.

### *Central Library* — Room 10-500

Contains about 350,000 volumes on all subjects related to Institute courses and research, the entire collections in biology, food technology, meteorology, chemical, electrical and textile engineering, extensive periodical and serial sets, and a comprehensive reference collection.

### *Aeronautics Library* — Room 33-304 (Miss Darling)

About 9,000 books, periodicals and government publications on all branches of aeronautical engineering.

### *Arthur Rotch Library of Architecture* — Room 7-238

(Miss Beale)

About 15,000 books on architecture and planning, and a large collection of cataloged pamphlets. Also photographs, maps, clippings and slides.

*Dewey Library* — Room 5-330 (Miss Klingenhagen)

About 16,000 books, periodicals and pamphlets on business and engineering administration, economics, industrial relations, social science and international relations.

About 9,000 volumes on civil, sanitary, mechanical, building, marine engineering and naval architecture.

*Eastman Library* — Room 6-314 (Miss Chamberlain)

Primarily for research workers, faculty and graduate students, this library contains about 14,500 books on advanced chemistry, physics and mathematics.

*Lindgren Library* — Room 8-304 (Miss Warren)

About 15,000 books on geology, metallurgy and ceramics.

*Vail Library* — Room 10-500 (in Central Library)

(Mrs. Lane)

About 50,000 volumes covering all phases of electrical engineering.

*Walker Memorial Library* — Walker Memorial, second floor  
(Mrs. Richards)

About 15,000 volumes, including the Cilley collection of current and classic recreational reading and the books for courses in the humanities. Also has an extensive record collection located adjacent to phonographs and record reproducers.

#### HOURS

Central Library hours are 9-9, Monday-Friday; 9-4, Saturdays. Closing hours vary when the Institute is not in session. Branch Library hours should be verified at each branch.



## FRESHMAN CAMP FOR ENTERING STUDENTS

**M**EN entering the Institute are subject to a change in environment and in their routine. A great percentage of those entering are from prep or high school. Some are foreign students who are not well acquainted with American customs. Many are older men who have been recently discharged from the armed forces and are now seeking to complete their education. It is the primary purpose of the T. C. A.—sponsored Freshman Camp for Entering Students to provide the easiest and speediest adjustment to the Tech environment.

Freshman Camp is held at Camp Wonderland at Sharon, Mass. Transportation, meals and rooms are provided for three days at a very low cost of approximately thirteen dollars. Here the freshmen have a chance to meet and talk with a group of leading upperclassmen, faculty and alumni in the very informal atmosphere of the outdoors.

The Camp is designed to acquaint new students with Tech life and traditions, and with the all-important student activities. Talks by President Compton and important members of the faculty present the opportunities offered by the Institute, and what is expected of the Tech man during his stay here.

The main purpose of the camp is to acquaint the Freshmen with one another. Toward this end a comprehensive



sports plan has been designed. Group competition as well as informal games are scheduled in basketball, baseball, swimming, horse shoes, ping pong, volleyball, and tennis.

Freshman Camp is traditional, and an experience long remembered by Tech men.

## TECH SONGS AND CHEERS

*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.

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  
The Massachusetts Institute of Technology.

*Words by I. W. LITCHFIELD, '85.*

*The M. I. T. Stein Song*

Give a rouse, then in the May-  
time  
For life that knows no fear!  
Turn the night-time into day-time  
With the sunlight of good  
cheer!  
For its 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 care.

*Chorus*

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

*Sons Of M.I.T.*

Arise, ye sons of M.I.T.  
In loyal brotherhood,  
The future beckons unto ye  
And life is full and good,  
Arise and raise your steins on  
high,  
Tonight shall ever be,  
A mem'ry that will never die  
Ye sons of M.I.T.

Once more thy sons, oh M.I.T.  
Return from far and wide,  
And gather here once more to be  
Renourished by thy side,  
And as we raise our steins on  
high  
To pledge our love for thee,  
We join thy sons of days gone by  
In praise of M.I.T.

Oh loyal sons of M.I.T.  
When clouds of war burn red,  
In foreign land, on distant sea  
Your battle line is spread,  
To you we raise our steins on  
high  
Wherever you may be,  
And join your voices from the  
sky,  
Ye sons of M.I.T.

*Words and music by*  
JOHN B. WILBER, '26

## TECH CHEERS

E to the X du dx, E to the X dx!	M. I. T. Rah! Rah! Rah!
Cosine! Secant! Tangent! Sine!	M. I. T. Rah! Rah! Rah!
3 point 1 4 1 5 9 !	M. I. T. Rah! Rah! Rah!
Square root, integral, u dv	Technology! Technology!
Slipstick, slide rule, M. I. T.!!	Technology!

---

WE ARE HAPPY—TECH IS HELL  
T-E-C-H-N-O-L-  
O-G-Y

TECHNOLOGY! TECHNOLOGY! TECHNOLOGY!  
TEAM! TEAM! TEAM!

# FRESHMAN RULES

Fall Term, 1948.

## TO THE FRESHMEN :

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

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

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

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

2. Freshmen are expected to speak to all members of the faculty, in particular to the President of the Institute and to the Deans.

3. These rules shall be enforced until the beginning of Christmas vacation. However, if the Freshmen win Field Day, these restrictions shall be removed upon the announcement of their victory.

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 of the Institute Committee, subject to the ratification of the Institute Committee, the President of the Senior Class, the Vice-President of the Institute Committee, the Vice-President of the Junior Class, the President of the Sophomore Class, the Chairman of the Walker Memorial Committee, the Chairman of the Budget Committee, the Manager of Field Day, and six members-at-large.

THE INSTITUTE COMMITTEE

# LIVING AT TECH





I. F. C. DANCE

## THE FRATERNITY SYSTEM

**A** FRATERNITY is based upon the natural human instinct of gregariousness. Men have always moved and lived together for various reasons, among the most common are protection, study, politics, mutual interests, principles, and ideals.

Fraternity, brotherhood, fellowship, and comradeship are basic ideals. The value and permanence of such group depends upon the vitality and the strength of the ideals upon which it is united. There are certain common interests in all fields. Students unite in groups for common purposes. The college campus is a natural and fertile soil in which scholastic, scientific, social, and similar brotherhoods thrive.

Social and scholastic fraternities are bound together by certain ideals and philosophies which are expressed in ritualistic ceremonies and statements of purpose. Since the Greek language and literature contain many statements of essential truths and valuable generalizations of permanent and adequate philosophies of life, it has become the basis of the American College Fraternity System.

The college fraternity has progressed and improved with the years. As an institution it is human. The fraternity remains as one of the best means of transition for a young man from the dependence on the support of his home to the independence of earning his own living.

## M. I. T. AND FRATERNITIES

**M**. I. T. has a great need for its fraternities as the time for the acquiring of a well-rounded social background is limited. Since a Tech man works most of the day and studies most of the night, he might do well to spend his leisure hours in the company of fellows whose ideals and interests are similar to his own.

The fact that the members are from all four years of undergraduate work living together as close friends gives the underclassmen a chance to get aid from upperclassmen when the going is tough plus the advice of upperclassmen pertaining to study habits, courses, instructors, and so forth. The fraternity gives its members the opportunity to develop managerial abilities. It provides social activities which vary from walking to classes to parties and sports.

There are both national and local fraternities at M. I. T. In addition to scholastic and other requirements, many of the fraternities have religious requirements. Some of the chapter houses are located along Memorial Drive, in Cambridge; others are in Brookline, one of the suburbs of Boston; but the majority are in the Back Bay area of Boston.

## RUSHING

**T**HE term "rushing" is somewhat misleading. Its suggestion of confusion, haste, and uncertainty does not represent its true meaning. Fraternity rushing is a natural process of meeting new students, becoming acquainted with them, and forming new friendships through intelligent information concerning certain mutual benefits and privileges to be derived from fraternal associations.

Through the Interfraternity Conference, Tech's fraternities agree to set aside the week before school opens as

“Rush Week”. This decision means that the fraternity houses at the Institute will welcome all freshmen to participate in rushing at this time. This is your opportunity to meet and become acquainted with the fraternities at Tech. Active rushing before the official opening of Rush Week by any Fraternity definitely is not looked upon favorably by the Interfraternity Conference.

Rush Week is simple. Do not hesitate to take the initiative and to make a date with a house. They will be happy to see you at any time that fits in with your plans. Try to see as many houses as practicable, for only by comparison can you determine which fraternity is best for you. If you get a bid to join a house think it over carefully before accepting because your decision is of utmost importance to everyone concerned. It goes without saying that you should be natural and not attempt to be something that is not a true representation of your character. One of the fraternities may ask you to spend the rushing season living at their house. This is a very common occurrence and acceptance obligates neither you nor the fraternity.

If a man receives approval of the members, he is given a bid (invited to join). An immediate answer is not expected. Before pledging, a man should know the financial condition, living costs, initiation fee, national and local position, and scholastic standing of the house. Do not be afraid to ask questions.

If you refuse a bid, there are no hard feelings. If you accept, you pledge to become a member at some future date. You will be given a pledge pin and required to learn the history and other pertinent facts concerning the fraternity. An average pledge period lasts three months.

## FRATERNITIES AT M. I. T.

### *Pledge Pins*

### *Fraternity Pins*



ALPHA TAU OMEGA, located at 37 Bay State Road, Boston, overlooks the Charles River and the Institute. Beta Gamma, one of the fraternity's 101 chapters, was chartered here at Technology in 1885, twenty years after the fraternity was founded at the Virginia Military Institute.



*Telephone:* CI 7-8029



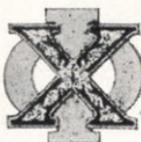
BETA THETA PI began its one-hundred and eighth year last fall, having been founded at Miami University in Ohio in 1839. The fraternity is one of the largest nationals, having 90 active chapters in 1942. Beta Upsilon, the M. I. T. chapter, was chartered in 1913. The chapter house is located at 119 Bay State Road, Boston.



*Telephone:* CI 7-7717



CHI PHI, founded at Princeton in 1824, is the oldest social fraternity and was the first to be represented at M. I. T. Technology's Beta Chapter is 58 years old and is one of the oldest of the 33 active chapters of the national fraternity. The chapter house is located at 22 The Fenway, in the heart of Back Bay, on Fenway Park.



*Telephone:* CI 7-8355



DELTA KAPPA EPSILON, founded at Yale in 1844, now consists of 49 chapters throughout the country. The Sigma Tau chapter, founded at M. I. T. in 1890, has its house at 403 Memorial Drive, overlooking the Charles River in Cambridge.



*Telephone:* KI 7-3233, EL 4-8784

DELTA PSI, better known as St. Anthony Hall at its other eight chapters, was founded at Columbia University in 1847. Commonly called the Number Six Club, the Tau Chapter was founded at M. I. T. in 1899 at Number Six Louisburg Square, but it has since moved to 428 Memorial Drive, Cambridge.



*Telephone:* KI 7-0666, KI 7-3726

*Pledge Pins*



DELTA TAU DELTA was founded at Bethany College, West Virginia, in 1859. There are now 75 active chapters throughout the U. S. and Canada. Beta Nu, the M. I. T. chapter, was chartered in 1889. The chapter house is located at 255 St. Paul Street, Brookline.

*Telephone:* LO 6-8713

*Fraternity Pins*



DELTA UPSILON, founded in 1834 at Williams College, has grown to be one of the largest national fraternities. There are chapters in 61 colleges and universities throughout the United States and Canada. The Technology Chapter, now in its 57th year, is located at 526 Beacon Street, Boston, just across the Charles River from the Institute.

*Telephone:* CIR 7-8124



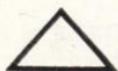
KAPPA SIGMA was founded at the University of Virginia in 1869 and is now one of the largest in the country, with 110 chapters, located both in the United States and Canada. The Gamma Pi chapter is located at 33 Bay State Road, Boston, overlooking the Charles River and the Esplanade.

*Telephone:* CO 6-8227



LAMBDA CHI ALPHA, founded at Boston University in 1909, has 120 active chapters in the United States and Canada. The Lambda chapter, chartered at M. I. T., in 1912, is located directly across from the Institute at 441 Beacon Street, Boston.

*Telephone:* CI 7-9102



PHI BETA EPSILON, one of M. I. T.'s oldest fraternities, was founded at Tech in 1890. Its position as the only local fraternity at the Institute represents the decision that to accept affiliation with a national brotherhood would mean the loss of the prestige and individuality that has come to the fraternity. The house is at 400 Memorial Drive in Cambridge, overlooking the Charles.

*Telephone:* TR 6-2341



*Pledge Pins*

*Fraternity Pins*



PHI DELTA THETA, founded in 1848 at Miami University, Oxford, Ohio, has grown to include 108 active chapters in the United States and Canada. The Technology chapter, Massachusetts Gamma, founded in 1932, is located on the Boston side of the Charles River at 97 Bay State Road.



*Telephone:* CI 7-8691



PHI GAMMA DELTA was founded in 1848 at Jefferson College, and now has 74 active undergraduate chapters throughout the United States and Canada. The Technology chapter, Iota Mu, was chartered in 1889 and is now located in the heart of Back Bay, Boston, at 28 The Fenway.



*Telephone:* CI 7-8048



PHI KAPPA was founded at Brown University in 1889 as a fraternity for Catholic students. Eta chapter, the seventh of 24 active chapters, was chartered at M. I. T. in 1918. The house is located on the Boston side of the Charles River at 229 Commonwealth Avenue.



*Telephone:* CO 6-0862, CI 7-9364



PHI KAPPA SIGMA was founded at the University of Pennsylvania in 1850. Since then the chapter roll has been enlarged to a peace time limit of 40 chapters. Alpha Mu was founded at M. I. T. in 1903, and has occupied its present house at 530 Beacon Street, Boston, since 1922.



*Telephone:* CO 6-2968



PHI MU DELTA was founded at the University of New Hampshire in 1918. The M. I. T. chapter, Nu Delta, was started in 1922. The present chapter house is located at 460 Beacon Street, Boston, directly opposite the Institute.



*Telephone:* CI 7-9148

*Pledge Pins*

*Fraternity Pins*



PHI SIGMA KAPPA was founded at the Massachusetts State College in 1873. The Omicron Chapter was founded at M. I. T. in 1902 and for the past 21 years has been located at 487 Commonwealth Avenue, Boston.



*Telephone:* CI 7-8093



PI LAMBDA PHI was founded in 1895 at Yale University. Massachusetts Theta Chapter, established at M. I. T. in 1920, is one of the 35 active chapters of Pi Lambda Phi. The chapter house is located at 450 Beacon Street, Boston.



*Telephone:* CI 7-7775



SIGMA ALPHA EPSILON, founded in 1856 at the University of Alabama, has since grown to a national strength of 119 active collegiate chapters. Massachusetts Iota Tau chapter was established 50 years ago when Tech was on Boylston Street, Boston. The chapter house is located at 484 Beacon Street, Boston.



*Telephone:* KE 6-1139, CI 7-8856



SIGMA ALPHA MU was founded at the College of the City of New York in 1909. Since then it has grown to 40 active chapters, located in the United States and Canada. Xi chapter was founded at M. I. T. in 1917. The chapter house is located at 222 Babcock Street in Brookline.



*Telephone:* LO 6-9360



SIGMA CHI was founded at Miami University, Oxford, Ohio, in 1855. Alpha Theta chapter, the first fraternity established on the M. I. T. campus, is at 532 Beacon Street, Boston, across the Charles River from Tech. As one of more than a hundred active Sigma Chi chapters, Alpha Theta is in its sixty-sixth year.



*Telephone:* CO 6-8459

*Pledge Pins*

*Fraternity Pins*



SIGMA NU, from a small beginning at the Virginia Military Academy in 1869, is now represented by 98 chapters in 47 states. Founded on principles of honor, the fraternity patterned its badge after the cross of the famous French Legion of Honor. Epsilon Theta chapter was founded at M. I. T. in 1922 and is now located at 259 St. Paul Street in Brookline.



*Telephone:* LO 6-9083



THETA CHI was founded in 1856 at Norwich University. Beta Chapter was established at Technology in 1902, and from that time the fraternity continued to expand until it reached its present size of 76 chapters. The chapter house is at 528 Beacon Street, Boston.



*Telephone:* CI 7-7790, CI 7-7698



THETA DELTA CHI, the eleventh national secret fraternity to be organized, was founded in 1847 at Union College. Theta Deuteron is one of 28 charges holding charters from the national order. The charge at M. I. T. was established in 1906 and is now located at 314 Memorial Drive, overlooking the Charles River.



*Telephone:* EL 4-4694



THETA XI was founded at Rensselaer Polytechnic Institute in 1864. Since then the fraternity has acquired 40 chapters all over the country. The Delta Chapter at M. I. T. was founded in 1885. This gives the chapter a record of almost 70 years of continuous operation, a record equalled by but one other fraternity at Technology. The Delta Chapter is now situated at 66 Bay State Road, Boston.



*Telephone:* CI 7-8602

## LENOX CLUB

The Lenox Club is an independent cooperative living group. Its location near the Cottage-Farm bridge in residential Brookline gives the Club a distinctly suburban atmosphere, while a nearby traffic artery assures five minute transportation to Tech. Complete dining facilities gives the group an opportunity to share excellent dinners together inexpensively, and there is ample space to accommodate their frequently-held dances and dinner parties. Each member has a shelf and refrigerator space for his private stock of edibles, and midnight always brings the fellows together around the kitchen table. A distinctly cooperative spirit based on individual initiative pervades the group, and each term sees the members work out some improvement in their living plant. The members consider the opportunity to live and work together under self-supervision an advantage unobtainable elsewhere.

Telephone: BE 2-5435. 37 Lenox St., Brookline.

## M. I. T. STUDENT HOUSE

Through the interest of an anonymous donor the M.I.T. Student House has been established at 111 Bay State Road in Boston. Thirty students live in this house, doing all the work except the cooking, thereby effecting a material saving in living expenses. In addition to this, members maintain a house social program consisting of formal and informal dances, and participate in many other activities. A hostess resides in the house and assists in its operation.

Candidates for residence should apply to Mr. Pennell N. Aborn, Student Employment Bureau, Technology Christian Association, or to the executive committee of the house for an application blank or for additional information.

## ALPHA CLUB

The Alpha Club was founded at Technology in 1941. It will become a local chapter of a national fraternity after it has completed the requisite period of successful operation. It will be one of the few new fraternities on campus in many a year. The chapter house is located at 147 Coolidge Street in Brookline, and a new home, to be situated in the immediate Back Bay area, is being planned for.

Telephone: LO 6-9129.

## DORMITORIES

FOR the man desiring a happy balance of a good measure of work and plenty of fun during leisure hours with congenial comrades, the Dormitories are the ideal solution. In the Dorms you can avoid both the clannishness of small fraternity groups and the loneliness of living in a boarding house. There are excellent opportunities both for complete concentration when studying and for complete relaxation in a spare-time "bull session". Because dorm men know how to work and play and achieve a good balance of the two, cumulative ratings and spirits are generally very high.

The mind of the newcomer to the Dormitories is quickly struck by the abundance of thriving activity which makes the Dorms such an enjoyable place for college men to live. The Dorms have sports teams open to all residents. They play the fraternities, the Student House, and the Lenox Club in the intramural tournaments. Sports in the inter-murals are basketball, baseball, touch football, swimming, and track. Other sports and games played competitively by Dorm residents are bowling (in the Walker Memorial alleys), tennis, ping-pong, and chess. These offer good opportunities for relief from the "grind" in a healthful way with a group of other fellows.

A man is given a good opportunity to meet new people with various backgrounds and interests and to cultivate friendships with men of his own general interests. Every class from Freshman to Senior is represented and the upper-classmen are invariably willing to help when a subject gets "rough". Or, if the student prefers, he may thrash things out with fellow classmates.

A large part of the Dorm residents find it most convenient to eat their meals at the immediately adjacent Walker Memorial. This is one of the more convenient opportunities for a brief get-together on week days.

The Dorms have a special program which consists essentially of acquaintance dances with nearby girls' colleges; the Christmas Dance, a gay formal or semi-formal, all-Tech affair, which is traditionally sponsored by the Dormitories; a "bull-session" dinner each term to which several faculty members are invited by the students; and at least one student-faculty tea each year held in the Burton Room. On most of these occasions and during all other large campus social affairs, there is open house in the Dorms. Otherwise, the Burton Room is the only place in the Dorms where women may be received. This lounge

occupies the first floor of Munroe Hall. It provides a most convenient change of atmosphere, where men may relax to read magazines, listen to the record collection, and bring their friends.

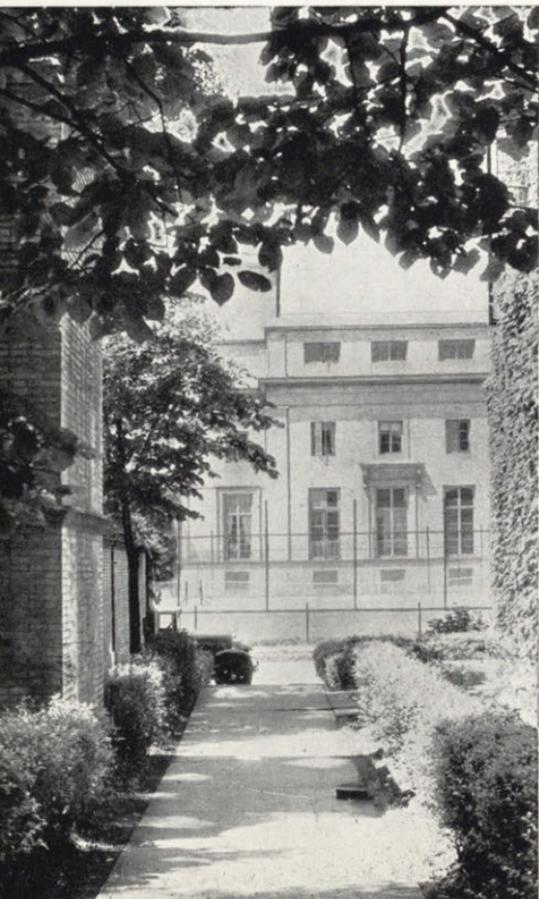
Perhaps the most obvious advantage of the Dormitories is their proximity to Institute activities, both curricular and extracurricular. Walker Memorial is the center of undergraduate extra-curricular activities and is but a stone's throw from the Dorms. Similarly, the Alumni Pool, the sailing pavilion, the play field, board track, gym, tennis courts, and the Institute are but a few minute's walk. Dormitory men are very active in student life.

The student Dormitory Committee is directly responsible for conducting all programs and considering all suggestions which influence Dormitory life. This is a representative body composed of two upper-class representatives

elected by each Hall, two members-at-large, plus the chairmen of nine standing committees. Included among these are the Dance, Athletic, Open House and Tea, and Dinner Committees. There is room on these committees for men interested in exercising their leadership abilities.

Life in the Dorms gives a person a sporting man-to-man connection with his fellow students and a chance to make and develop friendships that will last the rest of his life.

WALKER MEMORIAL  
FROM THE SENIOR HOUSE





THE GRADUATE HOUSE

Through the many sponsored activities, the M. I. T. Dormitories provide a place where men may play as well as work.

The emphasis is, as throughout the Technology family, primarily placed upon the academic studies. Life is well balanced at the Dormitories so that the student can, if he wishes, properly distribute his work and play in order to make his stay at M. I. T. pleasant as well as profitable.

### BUILDING 22

Set up as a temporary over-flow dormitory, Building 22 has proved itself as one of the active dormitory residences at Tech. It is located directly behind the main Institute buildings and is convenient to Walker Memorial and all class rooms. It accommodates approximately 600 students.

### GRADUATE HOUSE

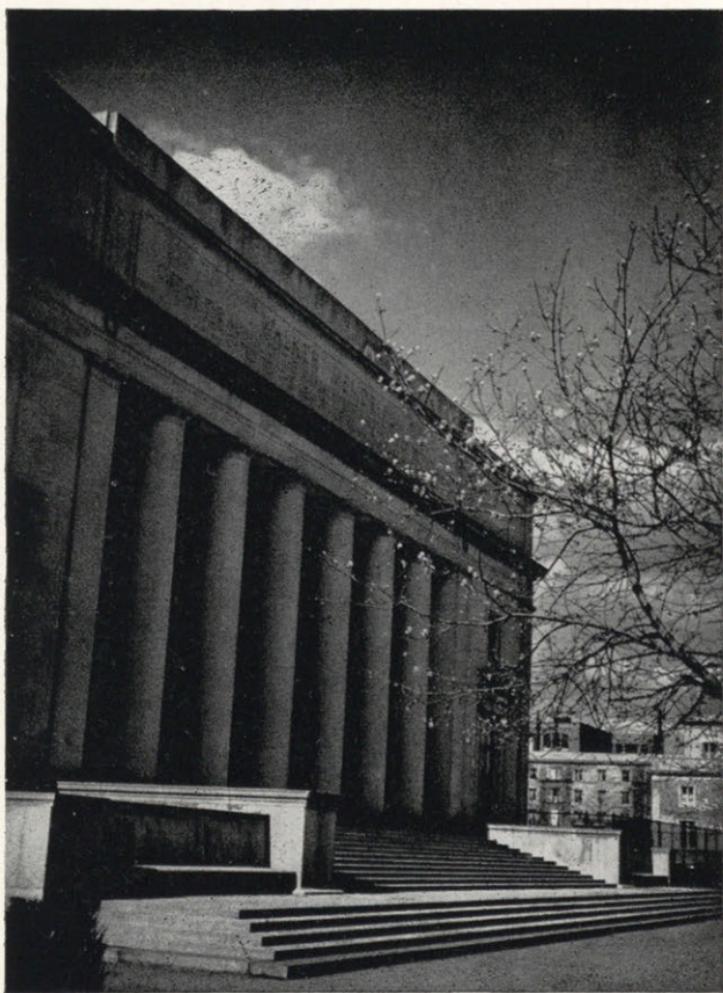
Graduate students reside in the Graduate House which is located at the corner of Massachusetts Avenue and Memorial Drive. Its six floors consist primarily of suites each of which accommodate several men. Dining facilities are available in the Graduate House.

## AFTER CLASS

THESE are well over one hundred activities at Tech. In number of Techmen involved they range from three on the Budget Committee to over four hundred in the Outing Club. In point of field of activity they cover practically every conceivable interest. They may be divided roughly into six divisions. The biggest of these is perhaps the outlet division. In this category are grouped societies like the musical clubs, dramashop, outing club and the like. These provide a means whereby the undergraduate at Tech can apply his talents, hobbies or interests. The second group is the publications where those of you talented in the literary or management field may find enjoyment. For the social men there are various dance committees in whose hands lie the fate of Technology's social life. The fourth division of activities is the student government branch. The Institute Committee and its subcommittees provide a wide field for political and administratively inclined men. Professional societies, the fifth division, provide a means for Techmen to get a broader insight into the field for which they are preparing. Last but not least are the purely class organizations such as the Senior Ring Committee, the class officers and the like.

Most of these organizations have a place for you and you would be well advised to begin early if you hope to get ahead in any organization. There is only one way to advance here at Tech and that is by ability and perseverance. If you wait until your upper years to get into an activity you will find that you will not be able to step into a position comparable to your year in school. You will have to start from the bottom and work your way up. If you are a Junior when you join an organization you will be at a large disadvantage in that there will be many men in your own class who have already been working for two years. Take our advice. The competition in activities at Tech is keen. Come out for them your first term. You won't be sorry.

# ACTIVITIES



**T**HIS section is presented in an effort to acquaint the men, newly entering the Institute with the opportunities opened to them by the various extra-curricular activities at Tech. It is our sincere hope that this section will accomplish its purpose by promoting interest in Institute activities among the freshman class.

If at any time you have any questions or wish information regarding activities, Walker Memorial Committee will be only too glad to assist you.

W. M. C.

## INSTITUTE COMMITTEE

**T**HE control over student affairs at Technology is vested in the Institute Committee, which is composed entirely of students. This group consists of the president and three elected representatives from each class, and one representative from each Class A organization.

The Institute Committee is responsible for making all decisions regarding the administration and financing of student activities. In almost all instances, the administration of M. I. T. places complete responsibility over student affairs in the hands of the committee.

This government can not function to best advantage without the support of all undergraduates. The meetings of the committee are open to all students who should occasionally take this opportunity to become more familiar with the functions of the committee and the abilities of the activity leaders and class representatives. In this way, the students will be better able to elect capable men as their representatives to the committee.

The president of the senior class is president of the Institute Committee, chairman of the Budget Committee is treasurer of the Committee, and the Vice-President, Secretary, and member-at-large are elected from the body of the Institute Committee—these five together with the chairman of the Walker Memorial Committee constitute the Executive Committee.

The legislative work of the Institute Committee is aided by this Executive Committee whose function is to gather facts and details about matters relating to student affairs, and to make recommendations on the basis of these facts.

Other standing sub-committees, described in detail later, attend to certain special matters such as budgets, room assignments, bulletin boards, etc. In addition to these standing sub-committees, temporary committees are frequently appointed to investigate and report upon questions which arise from time to time. In this manner the Institute Committee is generally able to base its decisions upon a complete set of facts.

### THE PUBLIC RELATIONS COMMITTEE

Better relations and contacts between the press and undergraduate activities are the principal purposes of the Public Relations Committee, a sub-committee of the Institute Committee. This committee acts as the publicity agent to carry news of Tech sports and activities to the public. It has been felt that the social and athletic activities of the school have been neglected by the press, and, as a result, the average person has received a one sided view of M.I.T. The Public Relations Committee plans to correct this situation.

The committee is composed of twenty members including a chairman, secretary-treasurer, three managers, and six associates. Freshmen may be appointed to the committee after having served at least one term on a trial basis.

The committee serves as a clearing house for all outgoing publicity concerning undergraduate activities. This prevents any repetition and wasted effort and provides the press with a trustworthy, accurate source of information. Hometown newspapers are informed of the achievements of their residents in athletics and in activities while at Tech. In these ways it is hoped that the general public will receive a more well rounded and accurate idea of what really goes on at Tech. The committee office is in Room 3 in the Basement of Walker Memorial.

### THE BUDGET COMMITTEE

The responsibility for making the income derived from Student Dues match the expenditures of the undergraduate activities belongs to the Budget Committee, a permanent sub-committee of the Institute Committee. The Chairman is a member of the Undergraduate Budget Board, a committee of faculty which acts in an advisory status.

All Class A and any Class B activities that receive grants from the Student Dues must file monthly balance

sheets and operating statements. All other organizations file only term balance sheets and operating statements. In this way the Chairman keeps his finger on the financial pulse of undergraduate affairs.

The Institute allots \$.60 from each person's tuition each term to the Undergraduate Association. This is divided up as follows: \$.265 for the Institute Committee, \$.160 for the Reserve and Contingent Fund, and \$.195 to the classes according to their total enrollment. It is from the amount allotted to the Institute Committee that grants are made, according to need and importance, to the various activities. Thus this small board works on, trying to make ends meet with the black ink on the right, the red ink on the left and the eradicator at dead center.

### ELECTIONS COMMITTEE

The purpose of the Elections Committee is to conduct elections for the class offices, Junior Prom Committee, Senior Week Committee, and Senior Class Marshals, all of which are by the preferential system of balloting. Often the Elections Committee holds popular elections that may be required on any referendum to the student body or on the initiative of students as directed by the Institute Committee. Besides the regular class elections, which are held at the end of each academic year, the Elections Committee directs Freshman Council elections.

The committee consists of a chairman, 4 associate members, and 13 assistant members. The chairman is a senior, and is a member of the Institute Committee. The associate group consists of the Secretary of the Institute Committee and 3 seniors, and the assistant members include 6 juniors and 7 sophomores. The sophomores are elected to the Committee after a competition held during the November elections, from the men in their first term sophomore year. The committee office is in Room 3 in the basement of Walker Memorial.

### STUDENT FACULTY COMMITTEE

**T**HE Student Faculty Committee is one of the six permanent sub-committees of the Institute Committee. Its purpose is to stimulate joint, cooperative thought and action regarding problems affecting the Technology family. This it does through its monthly dinner meetings at which the student members, the faculty members, and special

guests spend the evening discussing problems of mutual interest or concern. Examples of this type of work taken from the agendas of last year are: compulsory athletics for freshmen, the marking system at the Institute, a complete honor system at the Institute, comprehensive examinations for seniors, instructor-rating schemes, and the style of women's bathing suits to be used at the Tech pool. Another major field in which the Committee's work is concentrated is that of trying to maintain a high level of instruction at the Institute. Unfortunately, students are reluctant to suggest methods of improving instruction or grading directly to their professors, and for this purpose the Committee maintains a suggestion box across the hall from the Bursar's office in the lobby of Bldg. 10.

The Committee consists of nine faculty members, appointed by the President of the Institute, and a student group of three seniors, four juniors, five sophomores and six freshmen. The freshmen are selected by the upperclass members from a competition held early in the fall term and open to all interested members of the class.

It is advised that students desiring to consult the Committee about either suggestions or complaints get in touch with the Committee through its office in the basement of Walker Memorial.

## OPEN HOUSE COMMITTEE

The Open House Committee is a special sub-committee of the Institute Committee. It organizes the bi-annual Open House in which the Institute opens its doors to nearly 50,000 guests. Financed by a grant from the Institute, and assisted by a special Faculty Advisory Committee, the Committee involves nearly all the student body as working members, as ushers and guides, and as exhibitors.

Sub-committees for Presentations, Promotions, and Receptions are the major divisions of the Committee, and these are further divided into groups to handle specific phases. All these go to further the basic purpose of Open House—to create good will among the general public and to help instill student pride in the school.

The first Open House since the war was held last May and was a huge success.

## WALKER MEMORIAL COMMITTEE

The Walker Memorial Committee, an executive sub-committee of the Institute Committee, has as its function the coordination of all non-athletic activities.

The committee is designed to act as a service to all undergraduate activities, and to those people who are interested in activities. For this purpose there are, in the office files of constitutions of activities, the officers of activities, records of the Point System, reports for social functions held in Walker Memorial, and the Institute Committee minutes and records. A calender of social events at Tech is also maintained for use by all students as well as those planning social activities.

Further duties of the committee are the enforcement of the house rules of Walker Memorial, and the assignment of rooms, including the gym, in the building. Authorization of the use of tables in Building 10 and bulletin boards in the Institute are others of its functions.

In tune with the policy of giving men in activities due recognition, this group yearly informs preparatory schools of the activities records of the outstanding men in the senior class.

The Committee is composed of ten students: one senior, who acts as chairman; three juniors; and six sophomores. Membership is open to the members of the student body selected by means of a competition held yearly for second term freshmen only.

The Committee office is located in the ante-room of Litchfield Lounge on the main floor of Walker Memorial.

## JUNIOR PROM COMMITTEE

It is the job of the Junior Prom Committee to plan a prom that Juniors will always be able to look back upon with pleasant memories. The Junior Prom is the biggest social event of the fall term and usually includes a formal dance in a Boston Hotel plus committee sponsored fraternity parties on the next day. Usually this dance has been open to the whole school, but because of the demand for tickets, recent committees have decided to limit the sale of tickets to Juniors only. There are five members of the committee elected at the end of their sophomore year in the general spring elections. These five plus the President and Secretary-Treasurer of the Junior Class make up the Committee.

## SENIOR WEEK COMMITTEE

After four years of life as an undergraduate, it is only natural that a Senior Class would wish to terminate its college career with a bang. To organize the celebration of this finale, the Senior Week Committee is formed by a general class election. It consists of the officers of the Senior Class, the previous year's Junior Member, and ten men elected by the class.

The activities of the committee are many; they include the management of the Senior Banquet, the Baccalaureate Services, Class Day, the Senior Ball, and an outing of some kind. Each function is usually handled by a sub-committee whose duty it is to run that event. A Junior is appointed to work with the committee and serve as treasurer, in order to give some one of the succeeding class some experience with its numerous activities. Through him the new committee lays the groundwork for next year's Senior Week.

## NATIONAL STUDENT ASSOCIATION

The M. I. T. Committee for the National Student Association was established as a subcommittee of the Institute Committee to act as the connecting link between the undergraduate students of M. I. T. and the rest of the N. S. A. N. S. A. is a non-partisan union of college student bodies, from all parts of the country, intended to act as a clearing house for student opinions and to help provide for student welfare and international good-will among students.

In the summer of 1947, three delegates were elected by the undergraduate student body to represent them at the National Constitutional Convention at Madison, Wisconsin, where N. S. A. was formally launched. Since then the committee has received its formal status here at the Institute, and things are going in full swing. The Foreign Student Summer Project is bringing 80 European students to study here this summer. The subcommittee for Foreign Student Orientation has conducted a tour of the T.V.A. during the spring vacation. The M.I.T. committee has served as headquarters for the Northern New England region of N.S.A. for student government problems. In this respect, a successful student government clinic was held. Other subcommittees are working on such problems as curricular reform, faculty evaluation, and academic freedom.

Those students who are interested in working on any of these activities are assured of an opportunity to do so with the N.S.A. committee. Offices are located in Room 3A in the basement of Walker Memorial.

## DORMITORY COMMITTEE

THE Dormitory Committee's primary function is to represent the residents of the Dormitories in the undergraduate student government. The Chairman of the Dormitory Committee is a member of the Institute Committee, on which he represents those policies advocated by the Dormitory Committee. Independently of the Institute Committee, the Dormitory Committee makes recommendations to the Dormitory Board concerning house rules and services provided in the Dormitories. On those rare occasions when there is a dispute between the Dormitory Board and the residents of the Dormitories as a group, the Dormitory Committee represents the views of the Dormitory residents.

The other function of the Dormitory Committee is to organize social and athletic events for Dormitory residents. This is carried out through the various subcommittees of the Dormitory Committee. These activities include such things as dances, student-faculty teas, and organized competition in all popular sports.

The Committee consists of a Hall Chairman and Vice-Chairman from each of the undergraduate halls, six representatives at large from the Senior House, a Floor Chairman from each floor of Building 22, two representatives at large from the Dormitories as a whole, and a chairman for each of its subcommittees. All of these members are elected by a direct ballot of Dormitory residents, except the subcommittee chairmen. These are appointed by a vote of the Dormitory Committee. The subcommittee chairmen may or may not already be members of the Dormitory Committee. The Dormitory Committee elects its own Secretary and Treasurer and nominates a list of candidates for its chairmanship. The Chairman is elected from this list of nominees by a direct ballot of all Dormitory residents.

The subcommittees of the Dormitory Committee are manned by any Dormitory residents who wish to volunteer their services. Freshmen living in the Dormitories are more than welcome on the subcommittees, all of which afford the opportunity of gaining one's first experience in extra-curricular activities and of performing a genuinely constructive service for one's living group.

# INTERFRATERNITY CONFERENCE

*Chairman* ANDREWS M. LANG

*Secretary* C. JOHN JACOBY

*Treasurer* ROBERT POYNTER

THE Interfraternity Conference is the organization which binds together the twenty-four fraternities at M.I.T. Its purposes are three fold:

1. To promote the interests of M.I.T. and its fraternities.

2. To formulate policies designed to:

a. Raise the scholastic, social and physical standards of the Institute fraternities.

b. Further social contact and closer acquaintances among fraternity members.

c. Encourage cooperation and solidarity in the fraternity body as a whole.

3. To represent the fraternity body and assume appropriate responsibility for it in its relations with the administration of the Institute and all other groups. Whenever possible, it attempts to function not by imposing regulation, but by enlisting the voluntary cooperation of its members. The I.F.C. is, therefore, justly proud of the situation at M.I.T. under which all fraternities exist with no friction, in an atmosphere of mutual understanding, without the necessity of any artificial restraining rules.

One of the most important activities of the conference is the annual I.F.C. dance, one of the biggest proms of the year, which is held at one of the large Boston hotels with music provided by a name band.

The business of the I.F.C. is conducted at monthly dinner meetings attended by the president and one elected representative of each fraternity.



## 5:15 CLUB

*President*—Gerald J. Grott

*Vice-President*—Robert Griggs

*Secretary*—Alfred Bloom

*Treasurer*—Claude Tapley

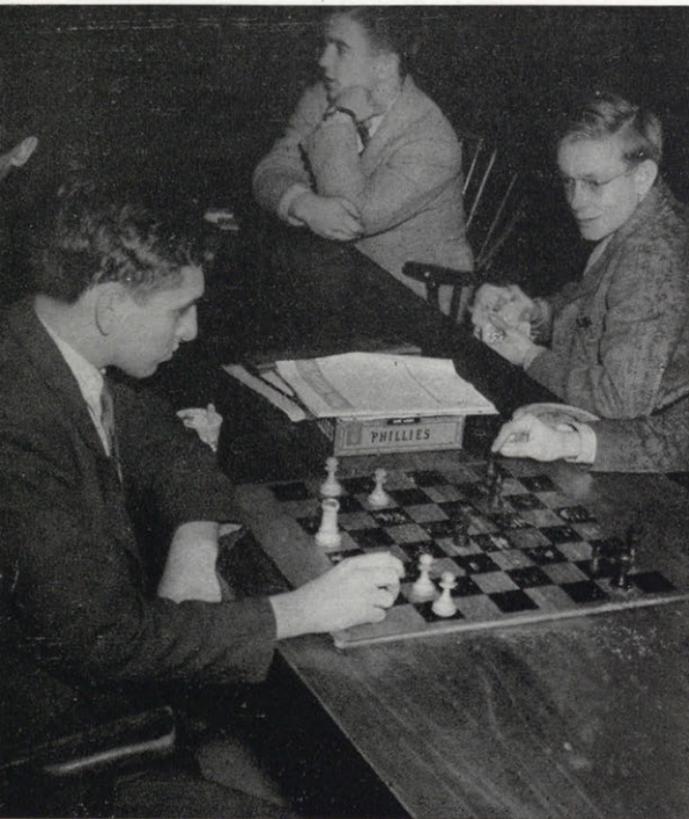
**M**EMBERSHIP in the 5:15 Club is open to all Tech students not living in the dormitories or fraternity houses. The club was founded with the express purpose of providing an opportunity for commuting students to participate in school affairs.

The club is governed by the Executive Committee composed of the President, Vice-President, Secretary, Treasurer, and two Members-at-large. These men are elected by the vote of all club members in good standing.

Club functions are divided into three groups. Athletics, Social, and Room Activities. Each group is the responsibility of a standing committee, these committees being responsible to the Executive Committee. The committee chairmen are appointed by the Executive Committee from members of the standing committees. The Athletic Committee has

charge of the team entries into Intra-mural sports. The Social Committee runs the club room and school-wide dances and smokers. The Room Committee keeps the game equipment and bible in good condition.

There is always room on these committees; new members are gladly welcomed. Come in and meet the fellows and take a place on the committee of your choice. The club room is located in the basement of Walker Memorial.



# TECHNOLOGY CHRISTIAN ASSOCIATION

*President*—HAROLD RORSCHACH

*Vice-President*—JOHN BARRIGER

*Secretary*—JOHN COOK

*Treasurer*—PAUL WEAMER

*Boys' Work Director*—MURRAY GLAUBERMAN

THE T.C.A. is a non-sectarian undergraduate organization devoted to serving the student body. Probably no other activity has such a varied program as the T.C.A.

The governing bodies of the T.C.A. are divided into three sections: the Executive Committee, the Senior Cabinet, and the Freshman Cabinet. The Executive Committee consists of the President, Vice-President, Secretary, Treasurer, and Boys' Work Director. All department chairmen and assistants are on the Senior Cabinet, while the Freshman Cabinet includes those freshmen giving time to the T.C.A. The Boys' Workers express their views through their director.

At the beginning of the fall term, a smoker is held to acquaint the freshmen with the activities of the T.C.A. Those wishing to work in the organization usually sign up for several hours a week. After a year of work in the organization, these men are eligible for appointment to the Senior Cabinet.

In this article, some of our many services are described. Each of these, with one exception, is in the charge of one or more students, who are on the Senior Cabinet.

**FRESHMAN ORIENTATION.** Since 1926, the T.C.A. has organized and conducted a three-day Freshman Camp to acquaint freshmen with student activities and Tech life and traditions. Of special value to entering men is *The Handbook*, of which this is the fifty-second volume. Compiled and published by the T.C.A., *The Handbook*, is made available to all. This book is intended to serve as a guide to student life at the Institute. It stresses the opportunities that are available to a man for broadening his background and his perspective through student activities.

**BOOK EXCHANGE.** If you act promptly, you may be able to get some of your texts at a saving at the T.C.A.'s Book Exchange, and when you are through with them you can

sell them through the Book Exchange at two-thirds the price you paid for them.

**ROOM REGISTRY.** For those students who are unable to get into the dormitories or fraternities the T.C.A. maintains an up-to-date listing of available rooms in Boston and Cambridge. Also, in the T.C.A. office are maps of Boston and vicinity, timetables of principal railroads, bus lines and airlines.

**EMPLOYMENT BUREAU.** The T.C.A. is the only place at M.I.T. which acts as a clearing house for part-time jobs. Mr. Aborn gives his full time to this work and has had wide experience in it. Because for the greatest portion of your time you will be occupied with your regular school work, it is unwise to count too heavily on income from a part-time job.

**M11 PUBLICATIONS.** The T.C.A. is always looking for new ways to be of use. One of the most unusual of its services is the publication of extensive notes explaining the difficult topics in first-term freshman calculus. These notes are made available chapter by chapter as needed and can be obtained without charge at the T.C.A. office.

**TECH CABIN.** To provide a place where groups can get away from M.I.T. for a weekend, the T.C.A. built a \$6,000 cabin on Lake Massapoag in Dunstable, Mass. This cabin is available without charge to M.I.T. groups, but since it is so popular, it is usually signed up for a year in advance.

**TICKET SERVICE.** As a convenience to students hankering for a little entertainment, the T.C.A. can reserve tickets at Boston theatres thereby saving you a trip downtown to get seats in advance. In the fall the T.C.A. also has available tickets to local Harvard and B. C. football games.

**LECTURE PROGRAMS.** One of the most popular of the T.C.A.'s activities is its series of lectures, "In Preparation for Marriage," given by Professor Magoun. The T.C.A. also has a 16mm. sound motion-picture projector which it loans to other student activities without charge.

**SOCIAL ACTION.** Not all of the T.C.A.'s work is on the serious side. The T.C.A. sponsors several acquaintance dances a year with various girls' colleges.

**RELIGIOUS ACTIVITIES.** The T.C.A. sponsors various religious programs of special interest to students. A list of churches in the vicinity of M.I.T. is available at the office.

**BOYS' WORK DIVISION.** This division obtains Tech men to act as leaders in Settlement Houses and Y.M.C.A.'s throughout greater Boston. Boys' Workers, teaching crafts, arts, hobbies, coaching sports and leading clubs and scout troops, have a considerable influence on younger boys and have helped to mold them into better citizens. In addition to performing a greater social service, volunteers get from this interesting work first hand experience in developing leadership qualities, an insight into some of today's social problems, and the immense satisfaction of helping others. Only one afternoon or evening per week is required from the Boys' Worker. In conjunction with its boys' work, the T.C.A. each year gives several hundred dollars towards sending under privileged boys to summer camp.

Boys' Work has risen to a top place among the T.C.A. activities and is now one of the largest at M.I.T. No previous experience in social work is necessary. Freshmen and co-eds are particularly welcome to the division. Boys' Work, though, is not all work and no play—dances with the girls' schools which are interested in this work and an annual banquet are traditional events among the Boys' Workers.



WALLACE M. ROSS  
*General Secretary*



PENNELL N. ABORN  
*Employment Secretary*

## THE TECH

*General Manager*—THOMAS L. HILTON

*Editors*—WILLIAM VICINUS

DAVID R. ISRAEL

THE oldest activity at the Institute, The Tech is in its sixty-eighth year as Technology's official undergraduate newspaper. Since the Institute has no department of journalism, the paper is run solely by students interested in newspaper work.

The Tech has much to offer in practical experience in operating a newspaper. All phases of newspaper work—sports, news, feature, and editorial writing, business management, advertising sales, makeup, photography, book-keeping, and circulation—are open to prospective staff members.

In addition to the experience gained in publishing a newspaper, staff members have greatly expanded opportunities for making social contacts because of the close contact maintained with the other Institute activities by the paper. The new candidate will gain an early insight into the workings of the Institute, the faculty, and the other undergraduate activities and gain a decided advantage in his career at the Institute.

Competition is held for the various positions on the paper. After serving as a candidate for a term, a freshman will usually become a reporter; the most able freshmen are promoted to staff assistants in their sophomore year. At the board elections and banquet held at the end of each volume, sophomores are elected to Junior Board positions such as News Editor, Advertising Manager, Sports Editor and Treasurer, four Juniors are elected to the managing board. These four men, the General Manager, Managing Editor, and the Business Manager—determine news, editorial, and business policies of the paper and have the full responsibility for the success of the entire organization.

## TECH ENGINEERING NEWS

*General Manager*—EDWARD MILLER

*Editor-in-Chief*—HARRISON WHITE

PROMINENT among undergraduate publications at M. I. T. is *The Tech Engineering News*. T. E. N. is a scientific journal, connecting the student body and the alumni in the industrial world. By means of student-writ-

ten articles, publication of which is administered solely by undergraduates, T. E. N. is able to advertise the views and interests of those who are the potential engineers of industry. Articles by Institute professors are eminent in their role of description and expression of Institute affairs. Thus students and alumni are able to keep in touch with the current developments in many specialized fields.

To one joining T. E. N.'s staff, the benefits of a close alliance to Technology are greatly enhanced. There is a difference between existing in a technical world and actually contributing to it. The preparation and writing of articles imparts to the student certain elements of writing that are seldom realized in composition courses, other than the large amount of personal satisfaction resulting from actually writing a technical paper, there is the development of a clear and logical style that is so valuable to the student and graduate engineering. No matter what the field, a well-written paper is circulating a good impression of the author; poorly written ones do not go far enough to circulate any impressions.

Especially to those interested in business administration and techniques, the experience gained from contacts with advertising agencies and large companies in the form of letter writing is very helpful. Development of the ability to obtain and continue a contact in the business world is of sizable significance to one entering an active economic society. There is no better experience than actually doing.

Journalism and business, as well as photography, are available to the student through the facilities of *The Tech Engineering News*. The T. E. N. office is located in the basement of Walker Memorial, Room 29.





*General Manager*—CHARLES HOLZWARTH

*Editor in Chief*—JOSEPH SAYLOR

FOUNDED in 1885, TECHNIQUE is the second oldest publication at M. I. T. Its purpose is to compile a permanent record of the year's activities and classes which may be kept and cherished for great many years. The first TECHNIQUE was a small paper-bound volume, very different from the large leather-bound books of today. In the years since the first publication of TECHNIQUE it has grown into an annual which is a credit to Technology, and which has won the All-American Honor Rating awarded by the National Press Association of the University of Minnesota, Department of Journalism.

Soon after registration day, TECHNIQUE holds a Freshman smoker to explain to the incoming men the opportunities for them to become acquainted with the various phases of publishing work in the various departments: literary, photographic, business, advertising and circulation.

The organization of TECHNIQUE is simple, yet efficient. The book is run on the managing board system. The managing board consists of the Executive Committee which includes the General Manager, Editor-in-Chief, Managing Editor, Business Manager, Photography Editor and the Associate Board composed of the Treasurer, Biographies Editor, the Circulation Manager, the Organizations Editor, and the Advertising Manager. The members of the various departments comprise the Junior Board, and appointments to the Managing Board are made from this group.

The Advertising Manager and his staff gain practical experience by meeting and doing business with business

men during the course of their solicitations for ads. The Circulation Manager conducts sales campaigns and has charge of the distribution of the Book. The Treasurer has charge of keeping the books, and of making periodical financial reports to the Institute Committee. The captioning and gathering of all the pictures that go into the year book are the work of the Organizations Editor and his staff, while the Photographic Editor handles the actual taking of the pictures. The Biographies Editor and his staff compiles the information about the seniors and the faculty.

The 1949 TECHNIQUE will begin activities in the fall semester in order that it may be published by the middle of May 1949. The staff offices are on the third floor of Walker Memorial, and are open to one and all for information about TECHNIQUE.

## VOO DOO

*"Get your Voo Doos while they last. The price goes up tomorrow. It's smart to be seen with a Voo Doo. Don't let life get you down — read the Voo Doo . . ."*

So goes the chant of the *Voo Doo* salesman. Tech's craziest activity is at it again.

*Voo Doo* is M. I. T's humor magazine. It comes out every month, replete with jokes, stories, cartoons, and the other things that go with a college humor magazine.

*Voo Doo's* staffs offer opportunities to men of all types. For the creative geniuses, there is "lit", the branch producing those strange freaks of literature known as *Voo Doo* short stories. There is art which creates *Voo Doo's* inimitable cartoons, and pin-ups; or make-up, where in one mad night the issue is "slapped together".

Budding businessmen bring in the necessary funds to carry on the magazine. There are openings in the treasury, advertising, sales, or publicity departments. Without these staffs, *Voo Doo* could never continue. There is practical experience in salesmanship waiting for those who decide to join the advertising staff. The publicity department plans sales promotion stunts, both at Tech and neighboring girls' colleges. The sales staff handles the selling of the magazine and sees that subscribers get their issues regularly.

Prospective freshmen may become listed members of the various staffs after two terms of active participation

on the magazine, or after having work published in three issues of the magazine. At the end of each school year, staff members are eligible for the Junior Board positions outlined in the organization chart. Each of the men elected to these positions has practically complete charge of his department, and is responsible to the Senior Board. Senior Board positions are usually filled by men who have served on the Junior Board. The men holding these positions are responsible for the healthy and profitable function of the *Voo Doo*. Competition for Board positions is keen, and opportunities for initiative and original thinking are plentiful.

*Voo Doo* has two important things to offer the incoming men, practical experience in working with others and a chance to get away from the usual grind. *Voo Doo* isn't just a magazine; it's a way of life; and remember, don't miss the smoker.

## DEBATING SOCIETY

*General Manager*—EDWARD L. PERKINS

*Debating Manager*—DAVID B. KRET

**A**N excellent opportunity for gaining experience in public speaking and debating is offered to Tech men by the M. I. T. Debating Society. During the course of the school year the Society participating in many varsity intercollegiate debates, practice debates, special forums, and debating tournaments. One for the most active of the Class A activities, the Society offers undergraduates opportunities to develop proficiency in public speaking, logical presentation of a case, contact work with other groups, and business management.

During the past year the schedule included debates with such schools as Harvard, Yale, Princeton, Penn State, Johns Hopkins, Columbia, U. of Maine, Naval Academy, and many others, as well as Wellesley, Emerson, and Mt. Holyoke. The Society participated in the Boston University Tournament and the New England Intercollegiate Tournament held here at Tech.

Some few members are active only in debating. The activities of the Society are by no means confined to this, however; most of the members combine debating with management of the schedules, publicity, finance, and other affairs.

## M.I.T. MUSICAL CLUB

ON the Tech campus there are several organizations which appeal to the cultural side of the Techman. By far the largest of these is the M. I. T. Musical Clubs.

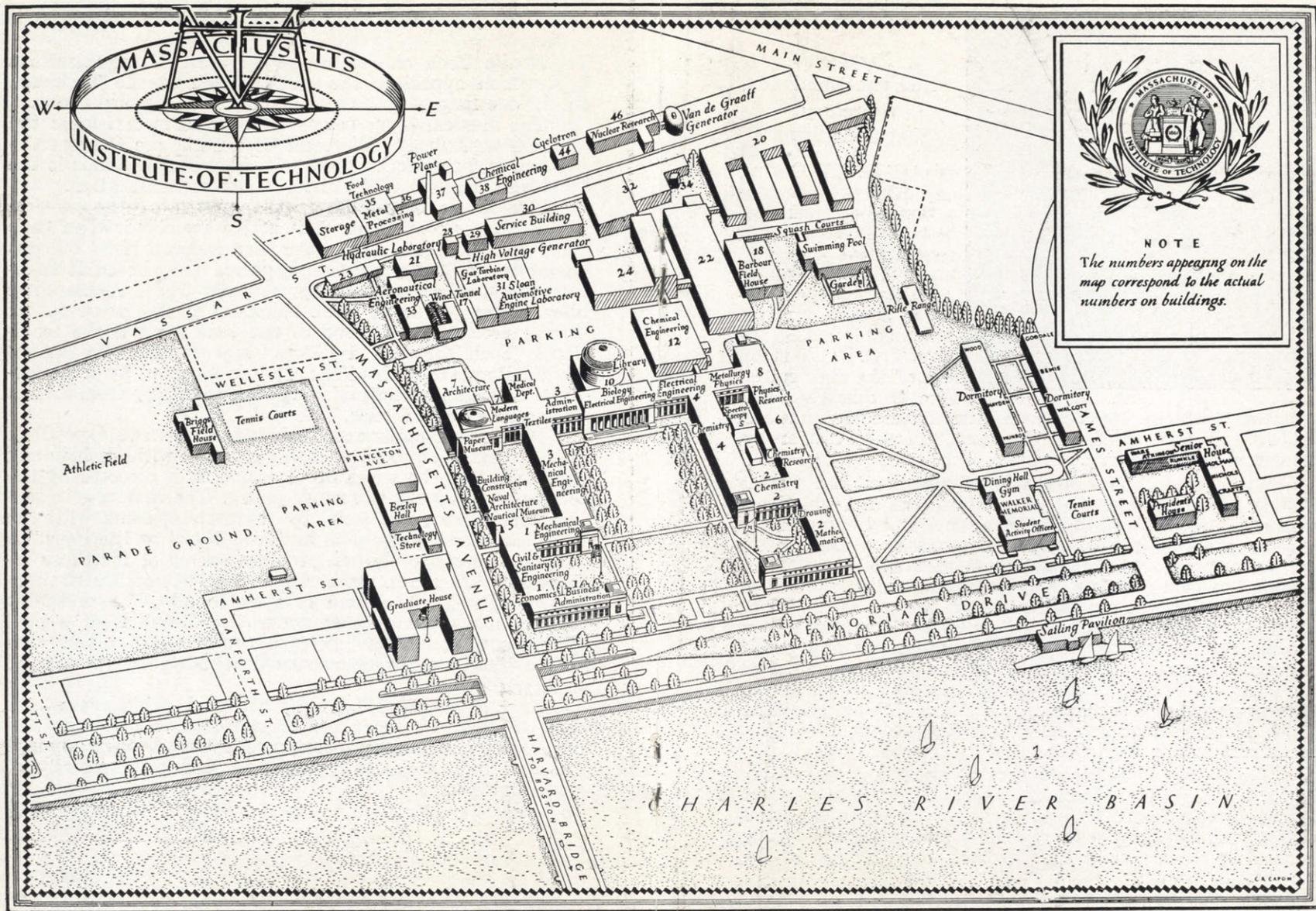
The Musical Clubs consist of four main divisions: the Men's Glee Club, the Women's Glee Club, the Concert Orchestra, and the Tecthonians. Each of these groups is the Combined Musical Clubs through its representation.

The Men's Glee Club is the largest of the musical groups, having well over 150 active members. The Club gives joint concerts with more than a dozen girls' colleges during the year, some of the programs being heard at Technology and others at the girls' schools. These concerts are followed by a dance for the members of the participating Choral groups. At the end of the year there is the traditional "Tech Night at the Pops" concert with the famous Boston Pops Orchestra. The Club is directed by a professional musician and offers a repertoire ranging from solemn hymns to modern ditties.

Recently organized at Tech is the Women's Glee Club. This Club is open to all women connected with Tech in any way, including the wives of veterans. It is directed by the conductor who leads the men's group. The women give several concerts a year, some by themselves, some with the men's club, and participate in "Tech Night at the Pops."

The concert orchestra provides an outlet for those interested in classical music. At present, the orchestra numbers about 80 pieces and is open to all. The orchestra rehearses once each week under the direction of a paid professional conductor. Several concerts are given each year, with the audience composed of music lovers from all Greater Boston.

The "Tecthonians" are Tech's band. This group consists of about 15 pieces and plays for parties, dances, and special functions around Boston. Because of their quality, the Tecthonians are very much in demand especially at Tech functions.



NOTE

The numbers appearing on the map correspond to the actual numbers on buildings.

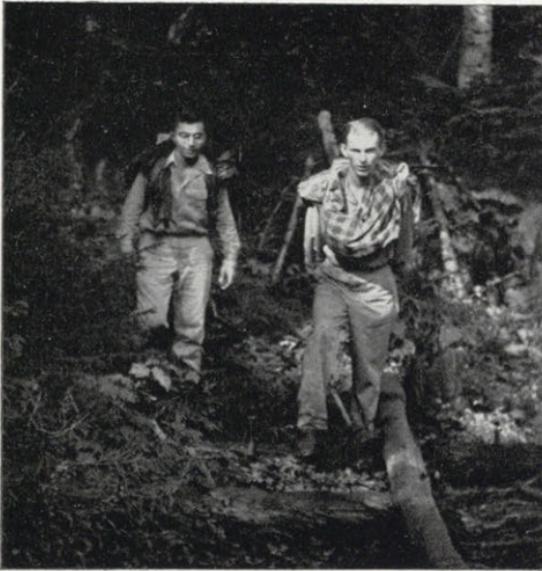
## OUTING CLUB

*President*

Richard Schotland

*Secretary*

David Keniston



THE M. I. T. Outing Club is an organization whose principal activity is conducting recreational trips, mostly on weekends. Another popular activity is square dancing. Founded in 1935, the M. I. T. O. C. is a member of the Intercollegiate Outing Club As-

sociation, which includes such other colleges as Harvard, Radcliffe, Tufts, Jackson, Simmons, Boston University, Wheaton, and Wellesley.

With more than four hundred members, the Outing Club is one of the most active organizations at Tech. Every weekend, the year round, day or overnight trips are run to various spots in the country around Boston. During the spring, summer, and fall there are rock climbing, hiking, cycling, canoeing, riding, and swimming trips, as well as many overnight camping trips to such regions as the White Mountains in New Hampshire. Popular in the winter season are skiing and skating trips to nearby slopes and ponds, and again overnight trips to ski centers further north. During vacations special trips are undertaken, on which several days are spent in the mountains climbing, hiking, or skiing. Aside from outdoor activities, monthly square dances are sponsored by the I. O. C. A.

The Outing Club, besides promoting recreational skiing, backs the Ski Team which represents M. I. T. in intercollegiate competition. The equipment of the organization includes rock-climbing gear, and skis and poles. These may be used by members any time, either free or for a small fee.

If you desire further information you may obtain it at the offices of the Outing Club in room 20-E-003.

# DRAMATIC GROUPS

## DRAMASHOP

The Dramashop was founded in 1927. Since that time it has produced at least one play every year, and for the past decade it has produced one play each term.

The organization is divided into two parts—acting and management. Tryouts are held before each play, and the cast is picked from the students. Co-eds play the female parts. The Dramashop was one of the first college organizations in the country that allowed co-eds to participate with male students.

The other part of the organization is the management. It consists of an executive board, the general manager and secretary-treasurer, and the stage, advertising, design, make-up, properties and lighting crews.

Dramashop Headquarters are in Room 2-190, and any student who is interested in stage work is encouraged to drop in.

## TECH SHOW

In the fall of 1946 the TECH SHOW was revived after a break of fifteen years. Organized in 1898, the show has grown from a minstrel to a completely original musical show with all the trimmings.

Last year, the production "Frere Jacques" was the story of four American students in Paris, and their troubles when they got involved with an "anti-love" group. The story was well written, and the music far above what could be expected from college-age students. Over 200 students were involved in writing, producing, directing, acting, publicizing and selling the show.

All the work on the show is handled by students at M. I. T., and any student is eligible. Generally the Freshmen that work on the show continue during their next three years working up in the organization to the top four managerial positions, which are filled by Juniors and Seniors.

This year's managing board consists of James Berman, General Manager; Richard Glenn, Business Manager; Frank Hulswit, Production Manager; and William Pepler, Stage Manager. TECH SHOW office is in the basement of Walker Memorial Building.



## NAUTICAL ASSOCIATION

*Commodore*—DAN GREENBAUM

*Vice Commodore*—FRED BLATT

ONE of the chief sources of diversion for Tech students is sailing on the Charles River Basin directly opposite the school. At the disposal of the undergraduate body, as well as other Institute personnel, are a fleet of forty dinghies and four 110 class sloops. The Nautical Association, whose membership is open to all persons connected with Tech, administers the sailing programs throughout the year. Membership in the organization may be obtained by paying a fee of \$5 which entitles the member to free use of dinghies.

Regular courses of instruction are conducted for the benefit of beginners and for persons seeking to improve

their technique in racing. All members are required to pass qualifying tests before being privileged to skipper the dinghies. Those desiring to regard sailing as an activity rather than just a recreational pastime have the opportunity of assisting at the pavilion with the possibility of becoming Cox'ns, Bos'ns, and officers. Formal races are held on Saturday and Sunday afternoons, while informal competition is conducted during the week.

The Technology sailing team, which engages in many dual meets and a number of regattas, has distinguished itself during past years in intercollegiate circles by its consistently excellent performances. Among M. I. T.'s competitors are Harvard, Coast Guard, Brown, Williams, Dartmouth, Cornell, Yale and Navy.

## M.I.T. ROCKET RESEARCH SOCIETY

**O**UR society is a group of students and M. I. T. personnel who are interested in the field of rocket research and advancement of the profession. It is classified as a professional society. The program of the society is twofold; one phase is actual research and testing, and the other is theoretical.

In the past, we have carried on a limited program of testing motors built by our members and thereby hoping to gain practical knowledge, but, we have been limited by our lack of a good test site and equipment. At present, we have in the process of construction, a permanent test site at Hingham, Mass. This in conjunction with the equipment we now have, we hope to carry on an expanded experimental program.

In addition to our experimental work, we meet twice a month to receive lectures from M. I. T. professors in the theoretical aspects of rocket engineering. We feel that in this combined program of experimental and theoretical work, we are able to offer any student interested a valuable extra-curricular education.

# RELIGIOUS ORGANIZATION

## CHRISTIAN SCIENCE ORGANIZATION

The organization was founded in 1921 to encourage Christian Scientists at M.I.T. in the application of their religion and to afford them opportunity to meet their fellow Christian Scientists here and at neighboring colleges. All are cordially invited to the organization meetings which are held each Tuesday at 5:15 p.m. Tyler Lounge, Walker.

## HILLEL FOUNDATION

The B'nai B'rith Hillel Foundation at M.I.T. is an organization devoted to cultural, religious and social work among Jewish students at the Institute. Its primary emphasis is upon such programs as assist the student in acquiring an understanding of the vast field of Jewish culture and contemporary Jewish affairs. The Hillel Foundation also provides opportunities for the Jewish student to maintain contact with traditional observances throughout the holiday celebrations.

The Jewish program is centered in Hillel House at 5 Bryant Street, Cambridge. The director is Rabbi Maurice Zigmond, and the offices are open from 9:30 a.m. to 5:30 p.m. from Monday through Friday.

## CATHOLIC CLUB

The aim of the M.I.T. Catholic Club is to further the knowledge of, and the interest in their faith of the Catholic students at Tech. The Catholic Club conducts a series of weekly meetings at which prominent clerical men of the district often speak. Another phase of the club is the various acquaintance dances with the Newman Clubs of different girls' colleges.

## ASSOCIATION OF WOMEN STUDENTS

THE activities of every co-ed during her stay at Tech centers in the A.W.S. The association was formed to promote friendship among the women students. All women students automatically become members when they enter Tech.

The "home" of the A.W.S. is a suite of rooms in Building 3 given to the girls in memory of Margaret Cheney, class of 1882, one of Tech's first women students. The suite, which was redecorated this June, consists of a large living room, kitchen, study, rest room and locker room. From early morning to late at night there is always somebody around, talking, knitting, eating or playing cards, and studying, of course. The regular business meetings, teas and dinners are held in the Cheney Room, and many of the girls find it convenient to prepare their meals in the well-equipped kitchen.

The members attempt to orientate all newcomers. Each new girl has a "big sister" who assists that girl in finding her way around Tech. The professional societies and most of the activities are open to women students. Dramashop and the Women's Glee Club are of especial interest to the co-eds, but there are girls active in most of the other social organizations. Tennis, swimming and sailing are also open

to all the girls. Anyone interested can certainly find many ways to spend leisure time.



# FOREIGN STUDENTS' GROUPS

## INTERNATIONAL ASSOCIATION

The Technology International Club, founded in 1938, is run for the benefit of all Tech students. The International Club not only helps students from here and abroad get together and become acquainted but it also provides much needed social relaxation and cultural contacts. A few of its social activities are: the annual Cosmopolitan Festival of entertainment, dining, and dancing; smaller acquaintance and couples' dances either here or at girls' colleges; and outings. Culturally, there are talks on international topics, student panel discussions, and other activities.

Membership is open to all students.

## HINDUSTAN ASSOCIATION

A large part of the foreign students of M. I. T. are from India. For them the Hindustan Association has been formed. Lectures by distinguished persons from India and discussions of Indian problems are sponsored by the club. Indian holidays such as Indian Independence Day, are observed and programs of Indian music are conducted. The fundamental purpose of the organization is to orient Indian students in their new surroundings, to acquaint Americans with Indian life, and thus to pave the way for the future equality of India as a world power.

## CHINESE STUDENTS' CLUB

The Chinese Students' Club was founded in 1916 to knit the Chinese students at Tech and other colleges together in close fellowship and cooperation. Every Chinese at M. I. T. is automatically a member.

Since the Club was founded, many public lectures by outstanding Chinese and Americans and discussion of international problems have taken place. In addition to parties and dances, there is an annual athletic meet with a corresponding organization at Harvard University. In order to keep members informed of the current activities of the Club, a Bulletin is published every three weeks.

# W1MX M. I. T. RADIO SOCIETY

*President*—T. D. FARNSWORTH

**T**HE M. I. T. Radio Society is the oldest college organization of its kind in the world. It was organized in 1909 to further the interest of Amateur Radio among the engineers of the Institute. In that office it serves today, providing space where the radio enthusiast can design, construct, and operate modern radio equipment. At present equipment capable of operating on all of the amateur bands is available to the "Ham", and plans to construct more and better equipment will give everyone an opportunity to learn through the best teacher, viz, experience.

Notices of any activity planned can be found on the bulletin board around the corner from 10-250. Radio code and theory classes will be held each term to enable anyone interested to pass the amateur exam. In addition to this many special activities are held each term.

A membership drive is held at the beginning of each term and interested persons should please watch the society's bulletin board, or come over to the shack, located in the Westgate Housing Area.

## WMIT TECHNOLOGY BROADCASTING SYSTEM

WMIT, operated entirely by Technology students, provides regular programs six nights a week throughout the school year to residents of the Undergraduate Dormitories, the Barracks, the Graduate House, and the new Senior House. The station operates on a carrier frequency of 800 kilocycles and presents a variety of programs designed to entertain every listener, whether his preference be classical or popular music, sports events, news commentary, or dramatic presentations.

The station is organized on a basis similar to that of a commercial broadcasting station, and maintains studios in the basement of Ware Dormitory. A Station Manager, Business Manager, and three other managers are selected to membership on the Managing Board, which formulates station policy and assumes overall direction over all activities. An Associate Board is made up of heads of the various departments. Other personnel are appointed to the Sta-

tion's Permanent Staff as soon as they are accredited and have sufficient experience in their particular field.

Open meetings will be announced to which everyone is invited who is interested in applying for any position on the Station. Positions are available on the announcing and engineering staffs and in the programming, production, business, advertising, publicity, classical music, popular music, news, drama, special events, and listener liaison departments.

## CLASS OFFICER DIRECTORY

### CLASS OFFICER DIRECTORY

1949:

*President* .....Thomas Toohy  
*Vice-President*.....David L. Yeomans  
*Secretary-Treasurer* .....Andrews Lang  
*Inst. Comm. Representatives* .....Ronald L. Greene  
.....E. Milton Bevington

1950:

*President* .....John T. Reeves  
*Vice-President* .....Robert W. Mann  
*Secretary-Treasurer* .....James M. Baker  
*Inst. Comm. Representatives* .....Joseph Gottlieb  
.....Donald Eberly

1951:

*President* .....Arthur Wasserman  
*Vice-President* .....John D. O'Brien  
*Secretary-Treasurer* .....Stanley J. Marcewicz  
*Inst. Comm. Representatives* .....Gerald S. Burns  
.....Lester W. Preston Jr.

# HOBBY GROUPS

## THE HOBBY SHOP

**T**HE Hobby Shop, located in the basement of Building 2, is the place for you who have hobbies you want to pursue. The shop offers facilities for all types of metal and wood working; it has wood and metal lathes, a milling machine, and circular and band saws. For budding radio men, there are meters and testing equipment. There is also a ventilated darkroom equipped with enlargers, running water, and safelights. In addition there is a print shop with several faces of type, where invitations and tickets are often made up. Don't feel that just because you came to Tech you have to stop living; keep up with your hobby in the Hobby Shop.

## THE MODEL RAILROAD CLUB

**T**HE Model Railroad Club is open to all people who are interested in this hobby as well as those who are now engaged in it. The club has a complete layout, which was constructed during the last two years, in Rooms 20 E 216 and 218. They have about 150 feet of track as well as adequate yard and terminal facilities. Their particular model is built to HO SCALE (3.5 mm. 1 foot) but they welcome all modelers in any other scale.

At the present time, openings exist in all branches, especially for men who can handle complex signalling and power circuits and anyone interested in helping with the scenery. There are also openings in the trackwork, complex switchwork and the building of new locomotives and rolling stock.

The club owns the layout model, but all locomotives and rolling stock is the property of the individual members.

This year the club plans to start such club activities as trips to nearby railroads and perhaps a model contest or two.

## THE TECH FLYING CLUB

**T**HE Tech Flying Club gives to its members a chance to learn to fly and to enjoy flying cross-country at reduced cost. By owning its own planes, it has reduced flying expenses to one-third of that required by commercial operators. All the flying operations are based at Bedford Airport, but the club runs a ground school which meets in the evenings at Tech.

The planes used are 85 horsepower Cessnas, which cruise at over 100 m.p.h. The aircraft are insured, and the equipment is maintained by certified mechanics at one of Boston's outstanding aircraft shops.

The students have shown increasing interest in this activity and it is growing rapidly.

## MATHEMATICAL SOCIETY

**T**HE Mathematical Society consists of a group of students interested in the extra-curricular study of mathematics. Its purpose is to encourage interest in mathematics on the part of the student. Weekly meetings are held in which talks are given by professors or members. Lectures on advanced subjects are dealt with one week and elementary subjects the next; occasionally a series of talks on one topic is given. Special freshman mathematical orientation lectures are frequently presented.

## TECHNOLOGY LECTURE SERIES COMMITTEE

**T**HE Technology Lecture Series Committee has as its purpose the broadening of interests of Technology students through the presentation of lectures in non-technical fields. The scope of the lectures presented is not confined to the political field; talks in the areas of literature, religion, history, labor and language have been given.

Lecturers have been for the most part men connected with the Institute. However, many off campus speakers have been obtained, outstanding among whom are Louis Untermeyer, Louis Bromfield and Gerald Walsh. On many occasions the Committee has worked in conjunction with other groups to obtain the most effective presentation possible.

Another function of the Committee is to coordinate all non-technical lectures at the Institute as to hour of presentation and conflict of subject. In this respect it serves as a clearing house of information for other activities.

## LIBERAL ARTS SOCIETY

**T**HIS society was formed two years ago for the purpose of furthering the liberal arts at the Institute. In an engineering school it is difficult to get as much study of the arts as one might like. The Society brings together a group of students who enjoy discussing various subjects along these lines. Informal talks and speeches are sponsored by the members. A bulletin board informs all students of the best movies, concerts, plays, and exhibitions currently in Boston.

## INTER-VARSITY CHRISTIAN FELLOWSHIP

The M. I. T. Inter-Varsity Christian Fellowship provides the opportunity for evangelical Christians to meet for prayer, Bible study, and discussion of the problems that a Christian encounters on a college campus. Meetings are held weekly. Monthly meetings are held with I. V. C. F. members from six other Boston-area campuses to hear interesting Christian leaders speak. All members of the student body, faculty, and staff are invited to attend.

# HONORARY SOCIETIES

## DORCLAN

Dorclan is an honorary dormitory society composed of Juniors and Seniors who have contributed to the furtherance of activities and good fellowship at the Institute. The functions of the society include assistance to dormitory residents in their academic work and stimulation of participation in Institute activities.

## ETA KAPPA NU

Eta Kappa Nu, a national honorary society for electrical engineers with a total membership of over nine thousand, is represented at the Institute by the Beta Theta Chapter. Juniors and seniors in electrical engineering who have shown marked ability in scholarship and other fields are eligible for election to the Society.

The aims of the Society are to reward outstanding ability, to stimulate high scholarship, to promote course spirit in the electrical engineering department, to foster student-faculty cooperation, and to aid members after graduation by serving as a meeting ground for members of the profession.

## GRIDIRON

The M.I.T. Gridiron Society is an honorary literary organization. Its members are chosen for outstanding achievement in journalism from the Junior and Senior Boards of THE TECH ENGINEERING NEWS, THE TECH, TECHNIQUE, and VOO DOO.

Frequent business meetings are held at which faculty experts on journalistic problems are invited to speak. At the annual initiation banquet, members have an opportunity to meet and talk with the Faculty Committee on Undergraduate Publications. With the cooperation of the publications, a combined publications subscription is offered under the name "Gridiron subscription."

## TAU BETA PI

The Tau Beta Pi Association, whose M.I.T. chapter was founded in 1922, is to the engineering field what Phi Beta

Kappa is to the liberal arts field. Its members are chosen on the basis of distinguished scholarship and exemplary character as undergraduates or of unusual attainment in engineering after graduation. Juniors who stand in the upper eighth of their class and seniors in the upper fifth of their class who have an unusual record in extra-curricular activities are eligible for election.

Activities engaged in by the M.I.T. chapter have included instructor rating programs, free tutorial services, lectures, and the promotion of functions pertaining to engineering in the undergraduate and graduate fields.

### CHI EPSILON

Chi Epsilon is the national honorary fraternity for civil engineers. Members of the Junior and Senior classes standing in the upper third of their class and exhibiting qualities of sociability, practicality, and forcefulness are eligible for election. The society includes members of the profession as well as undergraduates.

Monthly dinner meetings are held at Tech for faculty and student members.

### QUADRANGLE CLUB

The Quadrangle Club is composed of sophomores who have been of outstanding service to the Institute and to their class in one of the following ways: participating in two A activities in their Freshman year, being elected to a Sophomore Class office, or being elected captain of a recognized athletic team.

The functions of the Club are to maintain and enforce the system of Freshman rules including the wearing of Freshman ties, to organize the Sophomore participation in Field Day, and to support all Sophomore Class activities such as the Class Dance.

### M.I.T. AGENDA

Agenda is an honorary dormitory society whose membership is composed of freshmen and sophomores who have distinguished themselves in dormitory and Institute activities.

The functions of Agenda include acquainting entering freshmen with Institute activities, attempting to better living and working conditions in the dormitories, and rous-

ing class spirit in preparation for Field Day and other school functions.

### BATON SOCIETY

The Baton Society is the honorary musical organization at the Institute. Membership is limited to twenty-one undergraduates elected on the basis of outstanding participation in the various units of the Combined Musical Clubs—the Men's and Women's Glee Clubs, the Symphony Orchestra, the Techntonians, and Musical Clubs Management.

The major function of the Baton Society is to encourage interest in music at the Institute. The Society sponsors two annual musical events—the All Tech Sing, a song competition among the various living and activity groups at Tech, and Tech Night at the Pops, at which the Glee Clubs perform with the Boston Pops Orchestra.

### SCABBARD AND BLADE

The National Society of Scabbard and Blade is represented at the Institute by G Company, 5th Regiment. Students holding a cadet commission in the advanced Reserve Officers Training Corps and demonstrating outstanding character and proficiency in military science are eligible for election to the Society.

The purposes of the national organization are to correlate the activities of the military departments of American universities and colleges, to develop the qualities of good officers, to prepare its members for an active part in Military affairs, and to spread intelligent information about the military requirements of our country. The unit stationed at the Institute serves as a connecting group between the Military Science Department and the members of the ROTC. It has in the past sponsored rifle, pistol, and drill teams and given awards for outstanding work in the field of military science.

### ALPHA CHI SIGMA

Alpha Chi Sigma is the national professional chemical fraternity, represented at M.I.T. by the Alpha Zeta Chapter. Its members are chosen by the chapter from among the outstanding students in courses III, V, VII, XV, and XX.

The purposes of the fraternity are the development of friendship among its members, the advancement of chem-

istry, and the promotion of interest of its members in their chemical careers. The chapter at the Institute sponsors lectures on chemical subjects and conducts one social event, such as a dance or an outing, each term.

### BEAVER KEY SOCIETY

Beaver Key is an honorary society for Juniors. It has two purposes; the entertaining of visiting athletic teams and the handling of intramural sports at the Institute. Membership is by class election or through achievements in activities around Tech.

### HEXALPHA

Hexalpha is the honorary society for course VI-A, the electrical engineering cooperative course. The society acts as the executive committee for all VI-A activities. Hexalpha sponsors a yearbook, the Sparks; a newspaper, the VI-News; and all social activities for VI-A students.

All VI-A students are eligible for election into Hexalpha. The election is by the entire membership of the course and is on the basis of previous service and expected future service.

Hexalpha has been active for nearly 25 years, almost as long as the course itself. All members are available to talk to anyone who wishes information regarding the VI-A course.

### PI TAU SIGMA

Pi Tau Sigma is the national honorary fraternity for mechanical engineers. The object of the fraternity is to foster the high ideals of the engineering profession, to stimulate interest in co-ordinate departmental activities, and to promote the mutual professional welfare of its members.

Juniors and Seniors of high scholastic standing and excellent personal qualifications are eligible for election to Pi Tau Sigma.

## PROFESSIONAL SOCIETIES

AT present there are many active professional societies at Tech. The majority of these bodies are student chapters of national societies and enjoy the advantages of belonging to such parent organizations. Each group is open to those who are in a course sponsoring the society.

Nearly all of the national societies belong to the Combined Student Professional Society, which stimulates growth of membership in the individual groups, supplements the social activities of the member organizations, and facilitates joint programs between societies.

Each society has as its purpose the furtherance of student interest in the chosen field of professional study, as well as providing a common meeting ground of men of mutual interests. They all sponsor lectures and movies, which are open to the entire Tech family. These gatherings afford sources of knowledge on modern developments and applications in the engineering world. Several societies sponsor plant trips for members to various industries which give a first hand insight into the work of their profession. Naturally each society highlights its year with several social activities, such as dinner meetings and smokers.

Aeronautical Engineering Society  
American Foundryman's Association  
American Institute of Chemical Engineers  
American Institute of Electrical Engineers  
American Institute of Mining and Metallurgical Engineers  
American Management Association  
American Society of Civil Engineers

American Society of Mechanical Engineers  
Architectural Society  
Army Ordnance Association  
Association of General Contractors of America  
Institute of Aeronautical Sciences  
Naval Architectural Society  
Physics Society  
Propeller Club  
Radio Society  
Sedgwick Biological Society  
Society of Automotive Engineers  
Television Society

## MAJOR M. I. T. SOCIAL EVENTS

Event	Month	Where Held	Dress	Price	Open to	Description
Freshman Camp	September	Camp Wonderland		\$13.50	Freshmen	General freshman orientation and get together.
Field Day Dance	November	Walker Memorial	Informal	\$2.40	Everyone	A dance held in conjunction with Field Day as a celebration.
Junior Prom	November	Boston Hotel	Formal	\$8.00	Primarily Juniors	The dance of the Junior Class. Held on Friday night, but usually includes Sat. night parties.
Dramashop Play	November	Peabody Playhouse	Informal	\$1.50	Everyone	A play put on by the Dramashop.
Dorm. Christmas Dance	December	Walker Memorial	Formal	\$2.40	Everyone	The biggest fall dance sponsored by the Dorm. Com.
All Tech Sing	March	Walker Memorial	Informal	\$2.00	Everyone	A song fest, where groups of students compete for prizes. Usually followed by a dance.
Assemblies Ball	April	Walker Memorial	Formal	Free	Invitation Only	Walker Memorial Student Staff dance of the year.
Dramashop Play	April	Peabody Playhouse	Informal	\$1.50	Everyone	
Tech Show	May	Boston Theater	Informal	\$1.80	Everyone	A musical comedy written and produced by Tech students.
I. F. C.	May	Boston Hotel	Formal	\$8.00	Fraternity Men	Annual dance of the Inter-Fraternity Conference.
Tech Night at the "Pops"	May	Symphony Hall	Informal	\$2.00	Everyone	Boston "Pops" plays host to M. I. T.
Activities Ball	May	Walker Memorial	Formal	Free	Selected Men in Activities	A dance given to honor and reward men in activities.
Senior Week	June			\$11.00	Seniors	The week after finals during which seniors have their last fling at college life.

## ALUMNI ASSOCIATION

**A**LL persons who have attended Technology for at least one full term have become thereby members of the Alumni Association with all the rights and privileges pertaining thereto. Since the first class graduated in 1868 over 50,000 students have become alumni. Of these over 8,000 are now deceased, over 5,000 are lost, and the remaining 37,000 are on the mailing list. There are very few countries in the world where alumni will not be found. This great body welcomes the newcomer and serves him in many ways.

The Alumni Association, through the Alumni Office, carries on manifold functions. It published *The Technology Review* as a combination alumni and scientific magazine which has received a number of the highest awards in the alumni field. It maintains an up-to-date address list of alumni. It handles the annual Alumni fund, which last year netted \$140,000 for the benefit of Technology. It cooperates with over eighty Technology clubs in the United States and other countries and with nearly 250 leading alumni, designated as Honorary Secretaries, in America and abroad. Many incoming freshmen have met these Honorary Secretaries. It works closely with the Technology Placement Bureau and, in fact, with all the ramifications of administration, departments, staff, and even students. There are fifteen Alumni Term Members on the M. I. T. Corporation. Through the Alumni Council and the Executive Committee it handles many affairs of a widely varied nature. Through Advisory Councils it counsels student activities. The multiplicity of services rendered by the Alumni Association is evidenced by the annual budget of \$25,000 for the current year. Students should get acquainted with the Alumni Office and make use of its facilities for supplying information and assistance.

# ATHLETICS



## ATHLETIC ASSOCIATION

With the return of peace-time conditions to M.I.T., athletics have once again gained their justifiable prominence in the year's schedule. Under the able leadership of the Director of Athletics, Mr. Ivan J. Geiger, plans are being formulated for continued advances in both athletic facilities and interests. Previously students used only the regular gymnasium, Brigg's Field House, and the swimming pool; however this year we were fortunate in also obtaining the use of the large armory near the Institute and in the erection of the Dr. John Rockwell Field House. Definite plans are also in progress for a fine new gymnasium to be built within the next few years.

To supervise the use of these facilities and to promote general athletic interests is the job of the Athletic Association. Personnel of the organization consists of managers and captains of the varsity sports, managers of the intramural sports, and the executive committee. The executive committee includes the Director of Athletics, the Vice-President in charge of varsity sports, the Vice-President in charge of intramural sports, Treasurer, Publicity Manager, and Equipment Manager. As examples of the main duties of the body, the A.A. is responsible for budgeting the various sports, is in charge of drawing up team schedules, and is in charge of the management of the equipment of the teams. The committee has the power to rule on such decisions as may arise.

Positions on the M.I.T.A.A. are open to all undergraduate students. Freshmen desiring to become affiliated with the organization are given the opportunity to apply for positions and ultimately to attain full membership. If a man is interested in serving in a managerial capacity, he is offered the chance to familiarize himself with the demands of the job.

The position of varsity manager offers an excellent opportunity for training in leadership and cooperation, for the manager must be the link which binds the team, the coach, and the A.A. into a working unit. Intramural managers have good opportunities to develop technique in handling personnel since their job includes dealing with the large numbers of living group teams that participate each season.

Men attracted to business management can exercise their talent in the A.A. treasury department. Sophomores are eligible for the position of Jr. Assistant Treasurer, from which rank the Treasurer is annually selected. More work on the business side is available in the equipment handling department. Men with a flare for the spectacular will find work to their taste in the publicity department. The A.A. is now handling the initial reporting of all its events.

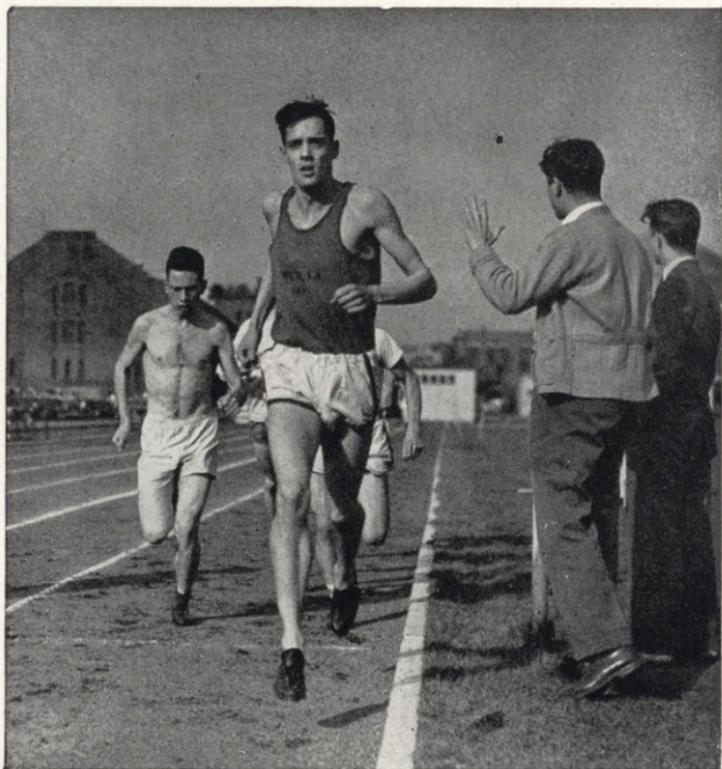
This year saw the inauguration of a new democratic athletic program for freshmen. Under the present system each freshman, unless excused for reasons of health, must participate in some sport at all times. If he is on a freshman varsity sport he is exempt, otherwise he is given the opportunity to choose an outdoor sport in the fall and spring and an indoor sport in the winter and must then spend two hours per week in instruction and play. Since there is a choice of almost all sports, this is a fine chance for the freshman to learn and enjoy the game of his choice. It is the objective of the Athletic Department in this program to give general sports education and advantages to Tech students and to develop a recreational competency in each student not only for the present but also for the future.



## TRACK

**T**RACK, often referred to as the leading sport at the Institute because of the number of participants and the length of the season, is an ideal sport for maintaining top physical condition. Since track is an individual sport, students can take their daily workouts in the afternoon at whatever hour their schedule will permit. Track activity takes place on Briggs Field the year around, as Tech carries an indoor schedule as well as the usual summer and fall program.

Excellent facilities, including the twelve-lap board track and a new quarter-mile cinder track, guarantee a set-up unequalled for its advantages in providing a body-building program. Under the guidance of veteran Coach Oscar Hedlund, Field Coach Bob Bowie, and Trainer "Doc" Johnson,



the men who come out profit from their experience and also enjoy the competition.

Competitive interest is maintained throughout the year by a series of intramural and intercollegiate meets. A series of handicaps and interclass contests, in addition to an annual Freshman Competition, is scheduled. Cups and medals are awarded on the basis of performances.

Collegiate competition is planned for both the indoor and the outdoor seasons.

The success of the Tech teams has contributed not a little to the popularity of the sport. The varsity sees action against many teams of the East, such as Brown, Tufts, Northeastern, B. C. and New Hampshire. In addition meets are arranged for the freshmen and junior varsity teams with prep schools and colleges around Greater Boston.

## CROSS COUNTRY

**R**ANKING high as one of the finest opportunities for healthful, energetic, outdoor recreation, cross country is one of Tech's leading fall sports. Most of the cross country runners are generally regular track men who take advantage of the opportunity for distance running.

Intercollegiate matches in the past have regularly been held with Bates, Harvard, Mass. State, Tufts, and Dartmouth. The team competes also in the New England Intercollegiate Meet in Franklin Park and in the I. C. 4-A Meet in Van Courtlandt Park in New York.

Men interested in cross country should report to Coach Oscar Hedlund at the Briggs Field House.

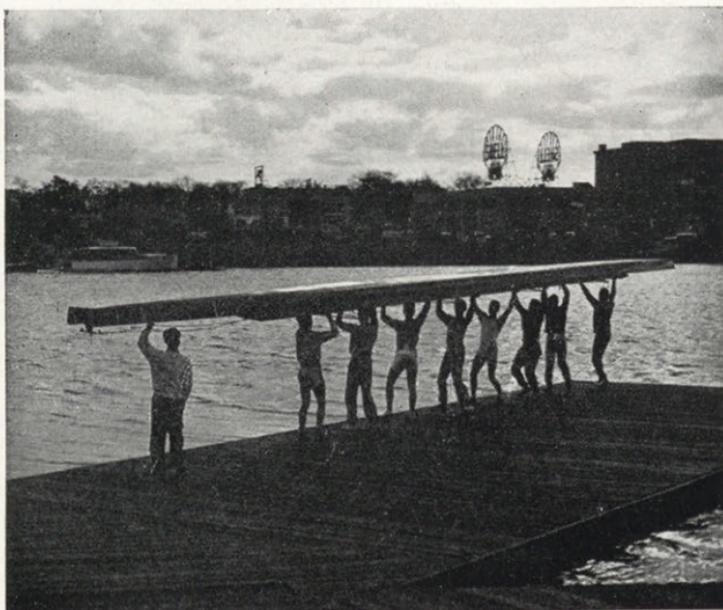
## CREW

Crew has long been recognized as the major sport at M.I.T. It is a tough sport and Tech has turned out excellent teams. Bitter rivalry exists between Tech and other schools which provides excellent meets. Major rivals are Harvard, Princeton, Yale and Cornell. As usual, last year's team held up the school's good record.

Jim McMillin, captain of the winning crew of the 1936 Olympics (Washington) is head coach. He is assisted by Charles Jackson for the freshmen and Pat Manning for the lightweight crews.

Besides the varsity and the junior varsity eights, the 150 pound varsity (lights) and the freshmen boats compete in intercollegiate events. Winter practice starts early in October, though the interscholastic racing season doesn't open till late in April. In the Fall, Field Day is featured by a sprint between a freshman boat and a green sophomore crew.

The M.I.T. Boathouse is located about a mile up-river from Technology.



## BASKETBALL

**B**ASKETBALL is one of Tech's major sports. Although actual inter-collegiate competition is carried on only during the winter months, practice begins in the middle of October. The season opens early in December with the annual Harvard-Tech game and continues until late in February, games being played with a number of other New England colleges.

This year both the Varsity and freshmen, ably coached by Henry P. McCarthy, Physical Director, had a successful season, the varsity overpowering such large eastern schools as Brown, Holy Cross and Trinity. With the coming of new coaching assistance next year, the team looks with great expectation to their impressive schedule of Brown, Trinity, Harvard, Mass. State, Boston Univ. and others.

Besides inter-collegiate basketball, an intra-mural league, consisting of teams representing the various living groups, is carried on by the Beaver Key Society. During hours when the gym is not in use by the varsity, it may be reserved by these or any other group on application to the Walker Memorial Committee.



## SWIMMING

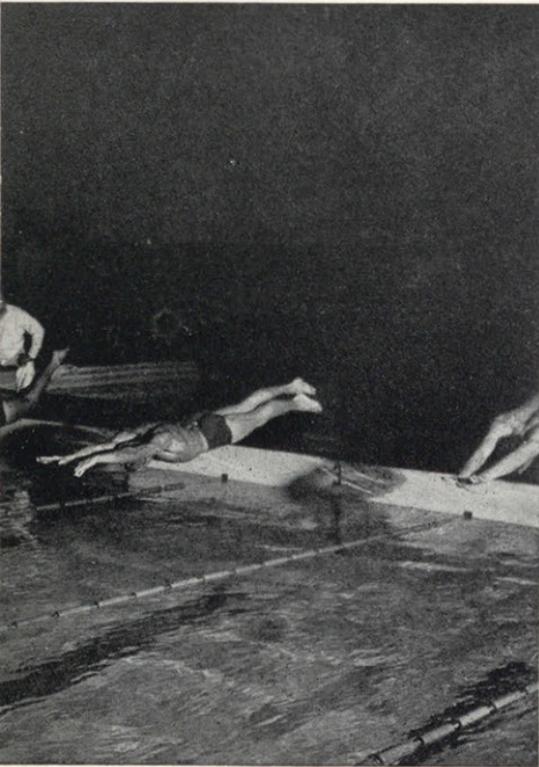
M. I. T. is fortunate in having one of the most modern and best equipped pools in the country. It is open to students and Institute Associates every afternoon and most evenings. Special nights are set aside for women and mixed groups.

Swimming is one of the most popular sports at M. I. T., highlighting the winter athletic program. The Varsity is scheduled to meet such colleges as Brown, Williams, Springfield, Bowdoin, and Harvard. The Freshman Team swims against such teams as Harvard Frosh, Andover, Exeter, Moses Brown, and St. Georges. Both teams have had very successful seasons in past years.

A swimming meet is featured in the Field Day Competition which provides Freshmen an opportunity to prove themselves against the Sophomores and work out for the Freshman Team.

The teams are fortunate in having two excellent coaches Gordon Smith and Bob James. Coach Smith also offers swimming lessons for non-swimmers and beginners in the off-season.

The season, running from December to March, is climaxed by the New England Intercollegiate Swimming Association Championships, which for the past few years have been held in the Alumni Pool because of its ideal location and excellent facilities.



## HOCKEY

THIS season saw the hockey team coming into its own as a major sport at M.I.T. With a five-month season the 1947-48 team played the amazing total of 19 games with but very few losses. Playing at the Boston Arena and Skating Club, the team triumphed over such schools as New Hampshire, Bowdoin and Brown. They just missed the opportunity to compete in the Intercollegiate Hockey Championship play-offs.



With the able coaching of Al Carvelli, the team has high hopes for next year. Encouraged by this year's freshman team, the coach plans to offer ample opportunity again next year for all freshmen wishing to compete. It is urged that all those interested be present at the first hockey rally held in early November.

## LACROSSE

LACROSSE was started at Tech in 1940 and has remained as a very active sport ever since. The season extends from March until May with the varsity meeting many of the best teams in the country. The schedule includes such colleges as Dartmouth, Harvard, R. P. I., Tufts, and Stevens. No experience is necessary, and all newcomers are urged to participate in this sport.





## GOLF

THE golf team is now back in the full swing of normal times with about ten intercollegiate matches being played. The season runs from the middle of April through to the close of school with M.I.T. playing such teams as Yale, Harvard, Boston College, Brown and Holy Cross.

The team itself is chosen on the basis of rounds played in the early spring before the intercollegiate season begins. All golfers at Tech are welcome to enter this competition.

## WRESTLING

Wrestling has long been a favorite sport at the Institute. Under the able coaching of Joe Myerson, former A.A.U. champion, both the freshman and varsity teams finished a fine schedule by receiving third place in the New England Wrestling tournament. Two varsity men and one freshman were acclaimed champions of New England. Next year promises to be an excellent season, for the present freshman team has shown fine wrestling talent. All students interested are urged to come out for the sport. Practice sessions can be arranged to fit your schedule.

## SKIING

Under the joint control of the Athletic Association and the Outing Club the skiing team had a good season. Although discontinued due to the war the ski team has already regained the prestige which it previously commanded among intercollegiate circles. This year the team has engaged in numerous intercollegiate and open meets, showing up very favorably against such skiing powers as Dartmouth and Middlebury. Definite plans are now in the making for even more extensive trips to New Hampshire, Vermont and Maine next season. All interested skiers are urged to report to the A.A. or the Outing Club for complete information.

## TENNIS

**T**ENNIS is a sport requiring perfection of technique and quick, alert thinking-qualities which make it a popular spring sport at M. I. T. In order to obtain new men and position the older ones in order of playing ability, the team sponsors an annual fall tournament for freshmen and upper-classmen. The first squad is usually made up tentatively from the results of this tournament. However, during the spring season any man has the right to challenge a low man on the squad and by beating him win a place on the squad. A bumping board is set up for this purpose.

Last season both the freshman and the Varsity tennis teams had an unusually full schedule, but went through the matches in good shape.

Encouraged by the showing of the freshmen last year, Coach Summers predicts an even better season this year. Freshmen are urged to enter the tournaments at the beginning of the year in order to obtain as much coaching as possible in preparation for meeting the best college freshman and prep school teams in the East.

## SQUASH

**S**QUASH, a winter sport which requires no previous experience for a newcomer to attain proficiency, provides excellent opportunities for intercollegiate and intra-mural competition. Tech offers splendid facilities in this sports department, as eight new courts were built just two years ago behind the Alumni Pool.

Squash is under the supervision of Jack Summers, who himself has held the National Squash Championship five times. Under the expert tutelage of Coach Summers, M.I.T. has turned out teams that rank high in the field of intercollegiate play. Last year's squad dropped only a few matches of their extensive difficult schedule.

Members of the squad are graded by means of a "bumping board" system. Besides the varsity, which competes in the A division of the Massachusetts Squash Racquets Association Tournament, two teams are chosen which play in the B division of this tourney. Intra-mural play calls for either a freshman or a junior varsity tournament and the Emerson Cup Tournament, which determines the Institute champion.

## FENCING

**F**OLLOWING the example of the 1947 undefeated fencing team, this year's squad completed a very successful season against some of the best teams in the East.

Under the capable guidance of Coach Levis, a champion fencer and an excellent coach, unskilled candidates were moulded into the present winning team. Giving his personal attention to everyone trying out for the team, the coach is always on the lookout for capable newcomers to fill the places vacated by graduated men.

The season of approximately eight meets begins in January and continues through April. Usually our better men are selected to compete in the National Intercollegiates at the end of season.

Fencing is a sport that is just in its infancy at Tech, but the team has done very well up to now, and a possible undefeated season is expected in 1949 against more and better teams.

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## PISTOL TEAM

**I**N 1946 the pistol team was newly reorganized at Tech after some years of wartime inactivity. This year, under the direction of Ward Carroll, the team entered numerous intercollegiate matches from October through March, and is at present rated very high among eastern schools.

All students are welcome at the rifle range to practice and try out for the teams as soon as school opens in the fall. Matches will be scheduled for Varsity, Junior Varsity and Freshman teams during the coming season.

## BASEBALL

**B**ASEBALL is the A.A.'s newest accomplishment in activating sports enthusiasm at M.I.T. Although baseball had existed at Tech previously on an informal basis, this year saw its institution as an organized intercollegiate sport by the general request of the student body. Ably coached by alumnus Fred Heuchling, the team did well in its eight scheduled games. The junior varsity and freshman team also showed great promise for future years. All the games were played away this year for lack of facilities, but there are now existing plans for the construction of a baseball field next season on Briggs Field. From the enthusiasm which this first season has aroused we can only predict that this—the American game—promises to be one of the most popular of all Institute sports.

## SOCCER

**A**FTER a period of wartime inactivity the soccer team completed its second successful year, showing excellent style and skill against such powerful teams as Harvard, Brown, Wesleyan, Coast Guard Academy, Tufts and Springfield. This year saw the reinstatement of a freshman team which through able coaching completed an extremely successful year. The season extends from September through November with spring practice beginning in April. A long and eventful season is again planned for next year, practice starting immediately after school opens in the fall. All interested are urged to come out for the team.

## RIFLE TEAM

**T**ECH sponsors four rifle teams each year consisting of about fifteen men in each. There are Varsity, Junior Varsity, Freshman and ROTC teams that compete in shoulder-to-shoulder matches with other colleges as well as matches by mail and telegraph. All members of the teams and men trying out have a chance to shoot at the range several afternoons a week. The season lasts from October through March. This year under the able coaching of Sgt. Brahe all teams finished successful seasons. The Freshman team was considered one of the best teams in the country.



## **BROOKLINE BAPTIST CHURCH**

Coolidge Corner

**REV. SAMUEL M. LINDSAY, D.D., Minister**

### **REGULAR SERVICES**

- 9:45 A.M. SUNDAY—Everyman's Class  
11:00 A.M. SUNDAY—Morning Worship  
6:30 P.M. SUNDAY—Young Adults  
7:45 P.M. WEDNESDAY—Week-Night Service

The Christian Church Exists to Say to Succeeding Generations:

**"THE MASTER IS COME AND CALLETH FOR THEE"**

When Theodore Roosevelt was a student at Harvard University, he attended church every Sunday. He taught a Sunday School Class and sought to help the church do the job for which it came into existence.

While you are studying in Boston, we hope you will attend the Worship Service of some Church every Sunday morning. It is more important that you attend this service than any other in the program of the Church.

**THIS CHURCH WAS BUILT A GENERATION AGO  
BY PEOPLE WHO BELIEVED THAT YOU  
WOULD USE IT.**

**COME AND HELP US!**

## **CATHEDRAL CHURCH OF ST. PAUL**

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### **SUNDAYS**

**11 A.M. DEAN EDWIN J. VAN ETTEN**

preaches

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**7 P.M. Special Evening Service**

**Boston Brass Quartet  
Cathedral Choir of Men and Boys**

### **WEEK-DAYS**

Service Each Week-day

12:10 P.M.

Monday: Book Sermon, Dean van Etten

## CHRIST CHURCH

(Episcopal)

1 GARDEN STREET, CAMBRIDGE

REV. GARDINER M. DAY, Rector

REV. JACK LEATHER, Assistant

REV. FREDERIC B. KELLOGG, Chaplain to Episcopal Students  
Chaplain's House, 24 Farwell Place KI 7-6475

### SUNDAY SERVICES IN CHRIST CHURCH

8:00 A.M.—Holy Communion.

9:00 A.M.—Special Communion Service for Students. (Short address and music, followed by breakfast.)

10:00 and 11:15 A.M.—Morning Prayer and Sermon.

6:00 P.M.—Canterbury Club. All students welcome, at Chaplain's House. Supper, Speaker, Discussion.

8:00 P.M.—Evening Prayer and Sermon.

Tuesdays, 4:30-6:00 P.M.—Student reception and tea.

Wednesdays, 8:00 A.M.—Holy Communion and breakfast.

7:00 P.M.—Study group and question hour.

## CHRISTIAN SCIENCE CHURCH

THE FIRST CHURCH OF CHRIST, SCIENTIST

THE MOTHER CHURCH

Falmouth, Norway and St. Paul Streets, Boston

### SUNDAY SERVICES

At 10:45 A.M. and 7:30 P.M.

Sunday School at 10:45 A.M.

Wednesday Evening Meetings at 7:30 Include Testimonies of  
Christian Science Healing

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8 Milk Street

237 Huntington Avenue

84 Boylston Street, Little Building

## CHURCH OF THE ADVENT

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Rev. Whitney Hale, D.D., Rector

### Sunday Services

Holy Communion, 8:00 and 9:00 A.M.	Solemn Evensong and	6:00 P.M.
Solemn Mass and Sermon, 11:00 A.M.	Sermon	7:00 P.M.
	Young People's Group	

### Weekdays

Holy Communion	7:30 A.M.	Confessions Saturdays	5:00-6:00, 7:00-8:00 P.M.
Matins 7:10 A.M.		(and by appointment;	office tel. LA 3-9048
Thursdays and Holy Days,	Evensong 6:00 P.M.		
Holy Communion	9:30 A.M.		

The Episcopal Church of the Advent has been one of the pioneer parishes in the Catholic Movement of the Anglican Communion, noted for its worship and music.

This parish, Catholic in teaching and practice, progressive in outlook, seeks to integrate the comprehensive religion of the ages to the concrete problems of present day life through techniques both Catholic and Evangelical.

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WILLIAM HENRY DENNEY, Minister

### Every Sunday

Divine Service and Sermon	10:45 A.M.
The Church School	9:45 A.M. (Children)
	10:45 A.M. (Nursery)
	12:15 P.M. (Adults)

Choral Vespers and Sermon 7:30 P.M.

Church Youth Program, every Sunday 5:30 P.M.

Every Wednesday, 8:00 P.M.—Brief inspiring service and adult Christian Education in The Chapel of St. Andrew, 67 Newbury Street (back of Church). (The Minister's informal lectures on the English Bible, the personal Christian life, the real social issues, the history of the Church, the vitality of the prayer life.)

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Sunday School—  
9:30 A.M.  
Morning Worship—  
11:00 A.M.  
Evening Service—  
7:00 P.M.  
Midweek Service—  
Wednesday, 8 P.M.

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Elmer G. Westlund,  
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- 11:00 Morning Service with the Minister preaching. A cordial welcome to all.
- 7:30 The Sunday Evening Club, an organization for students and working young people. Distinguished speakers each week with lively discussions following. An hour of recreation and refreshments at the end of each meeting. Social events are arranged for week-nights.

## **FIRST CHURCH OF CHRIST, SCIENTIST**

Massachusetts Avenue and Waterhouse Street, Cambridge

**Sunday Services and Sunday School 10:45 A.M.**

**WEDNESDAY EVENING TESTIMONIAL**

**MEETINGS 8:00 P.M.**

A Public Reading Room is Maintained at

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Except Wednesday 8:30 A.M. — 7:30 P.M.

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Chorus Choir

William Zeuch, Organist and Director

Channing Club: for college students

6:00 P.M.—Supper

7:00 P.M.—Program

Members of this group are drawn from surrounding schools and colleges, including Tech, Harvard, B.U., Emerson, Katharine Gibbs, etc.

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REV. GEORGE KENNEDY, Minister to Students

MR. RICHARD G. APPEL, Minister of Music

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WESLEY FOUNDATION PROGRAM

The Wesley Foundation, national organization of college youth sponsored by the Methodist Church, has its Cambridge chapter at Harvard Epworth to serve students at Harvard, M.I.T., Radcliffe, Sargent, and Lesley. The program each Sunday includes: 10: A.M., The Wesley Class, under Dr. Peter Bertocci; 11 A.M., Morning Worship; 4-6 P.M., Pastoral Counseling; 6 P.M., "Dine-a-Mite" (Fellowship Supper); 7:30 P.M., Worship Service with Speaker and Discussion; 9 P.M., Refreshments and recreation; 10 P.M., Friendship Circle. Open House every Wednesday night; outings and parties as announced.

You will find this program of worship and fellowship a welcome addition to your studies.

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321 HARVARD STREET, CAMBRIDGE

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SUNDAY SCHOOL and ADULT BIBLE CLASS—  
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Lutheran students, particularly those from Synodical Conference Churches, are invited to make their church home with us. Choir, Young People's Society and Bible Class—all will welcome you!

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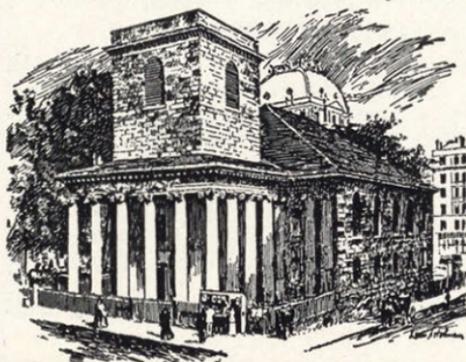
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King's Chapel, founded in 1686 as an Anglican Church, became Unitarian in 1787. Its Sunday services combine the order and



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**THEODORE C. SCHOONMAKER, Associate Minister**

### **SUNDAYS**

11 A.M.—Morning Worship, with full Choir and sermon by the Minister.

7:30 P.M.—Young Peoples' Society for students, working and service youth. This group has many Tech students in attendance and has a fully rounded program of worship, discussion, and friendly social activities. Other meetings of the group are held on week nights.

**Tech men welcome to all services**

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**DR. GLEASON L. ARCHER, Jr.**

Assistant Minister

### **SUNDAY SERVICES**

9 A.M. Dr. Archer Preaching

10:30 A.M. and 7:30 P.M. Dr. Ockenga Preaching

Students Always Welcome

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Mass at 7:00, 8:00, 9:00, 10:15 and 11:30 A.M.

Novena to St. Teresa and benediction at 7:00 P.M.

### **WEDNESDAYS**

Novena to Our Lady of Perpetual Help at 2:30 and 7:30 P.M.

Holy Name Society—Second Sunday of each month

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## **ST. ANN'S ROMAN CATHOLIC CHURCH**

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9:00

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11:00

11:45

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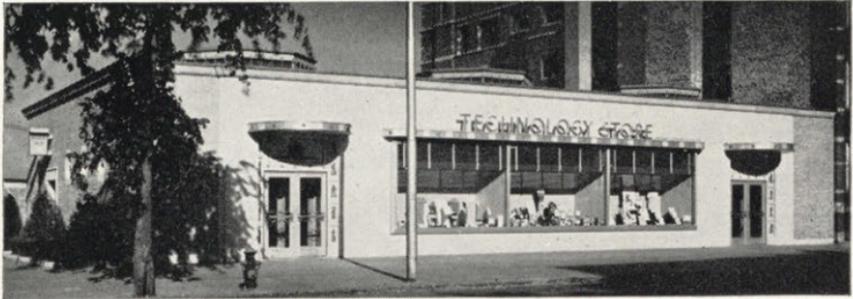
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This Church has been organized and is maintained primarily for serving the students in the Boston Area. Students share in the direction of its entire program. We welcome you to this Lutheran Student Center and look forward to meeting you.

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The membership costs \$1.00 and after joining you will be given a card, the number of which should be given to the clerk every time your cash purchases amount to twenty-five cents or more. Patronage refunds can not be made on purchases made before joining, so one of the first things you should do is sign for your membership. The Tech Store is directly across from the Building of Naval Architecture.

Each year as the Freshman Class enters Tech, the men require instruments and supplies, text books, notebooks, and other items. Money may be easily wasted by obtaining unnecessary materials which will not exactly fit your needs. It is advisable that you obtain none of these items until you have had the advice of your instructors. The Tech Coop has served Technology for many years. It is in close touch with the faculty and will supply the items required and recommended by them.

Besides text books and other technical materials which are needed in the many courses, the Tech Store carries a line of haberdashery, tobaccos, stationery, and many other items. The Harvard Square store, where your membership

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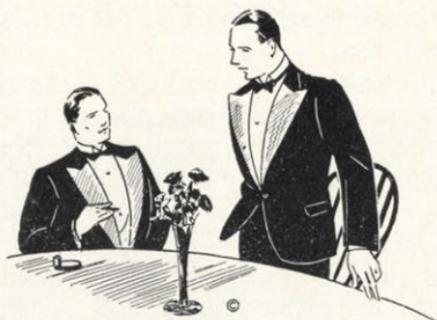
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