



M. I. T. Handbook



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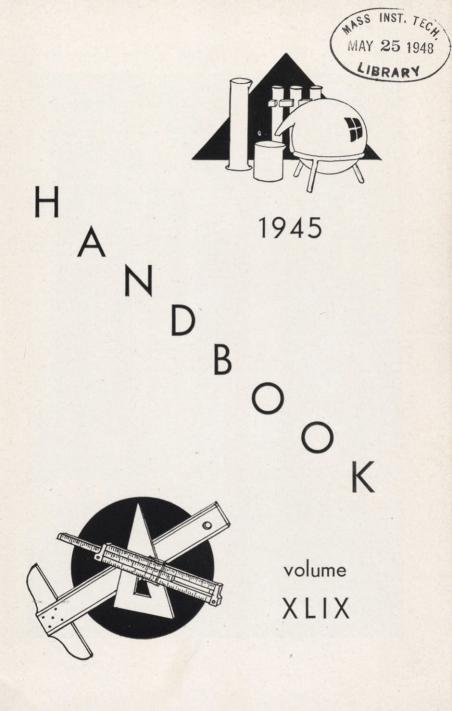
THE ASSOCIATED TUTORS

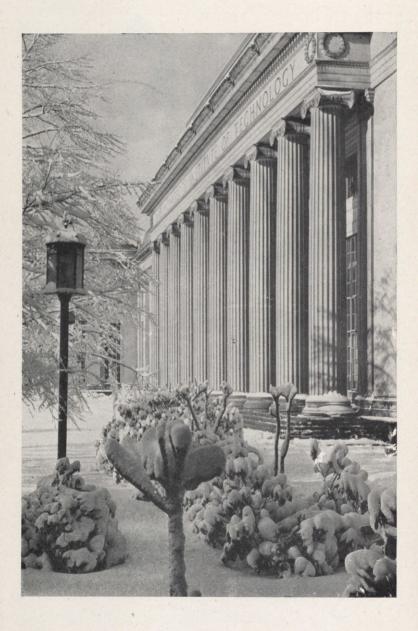
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THE HANDBOOK 1945

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W ELCOME to Technology, men of the class of 2-'48. You are facing an intensive program, one which will demand your utmost efforts for efficiency and accomplishment. Naturally, you are coming to Technology primarily for serious work and study, and you are urged to get the most out of your subjects. But there is another side to Technology life which is also very important. It is your duty to uphold sports, activities, and other Institute functions—for your own benefit as well as for the advancement of the school.

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Since a number of you may be called by the armed services during your first two semesters, it is vital that you get as much as you can out of Institute courses and activities. By applying yourselves to academic tasks to the best of your ability, you will set a standard for your subsequent work, and by engaging in extra-curricular endeavor, you will broaden yourselves and help to sustain the activities.

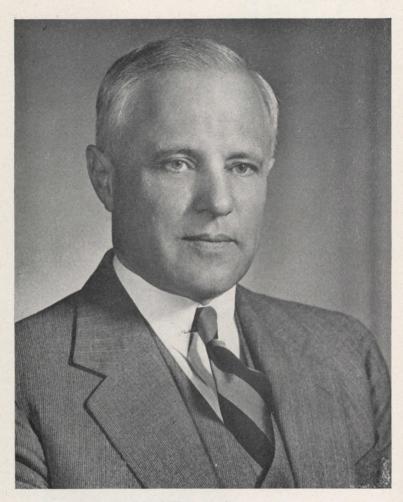
It is your job to keep alive the spirit and traditions which have so much become a part of Institute life. By adopting a proper attitude at the outset, you as individuals can do much to

contribute to the atmosphere of the school. The future of college life at Technology rests in your hands. Do not fail it!

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TO THE INCOMING CLASS





KARL TAYLOR COMPTON President of the Institute

WELCOME FROM THE PRESIDENT

TO MEMBERS OF THE FRESHMAN CLASS:

You are the sixth class whom I have formally welcomed to the Massachusetts Institute of Technology since war gripped our nation. Though victory is not yet complete, the time cannot be long delayed when we shall again give our full energies to the peacetime pursuits of training in architecture, science, and engineering.

Here at M. I.T. we have given of our best to uninvited war. That does not mean that we have become callous or that we have forgotten the ways of peace. Of necessity we have been engrossed in the heavy wartime responsibilities imposed by the Army, the Navy, and many other government agencies. Yet you who are entering Technology for the first time will have every opportunity to lay the groundwork for a useful and important professional career in your chosen field. The postwar needs for technical men of the highest caliber should provide ample incentive for you in your academic work.

Thanks to a deep-seated yearning for the finer things of life, I know that you will feel thoroughly at home here and that the hopes and ideals which prompted you to come to us as students will cause you to join in the swelling chorus of Technology men everywhere: "Let's get this sad business over with at the earliest moment so that we can return to the ways of Christian fellowship and better understanding among men."

You are to be in good company while you are at the Institute. We know that you will do your part in these trying hours to help us carry on the great work of liberal education in the spirit of our fine tradition. With your help and that of others yet to come, we can succeed in laying the solid foundation for a just and lasting peace.

KARL T. COMPTON

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HAROLD E. LOBDELL Dean of Students

WELCOME FROM THE OFFICE OF THE DEAN OF STUDENTS

TO FIRST-YEAR STUDENTS:

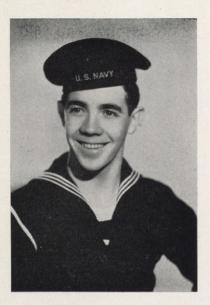
A cordial welcome to war-time Technology!

The grave responsibilities of the present times obligate you, in seeking fulfillment of your ambition for engineering and scientific training, to prepare yourself well for your Country's service either in the war effort or the post-war reconstruction problems. Part of this preparation will come in the Institute's lecture halls, classrooms, and laboratories, but only through your interest and participation, as a campus citizen, in the activities sponsored by the M. I. T. Undergraduate Association.

In making your adjustment to your Technology surroundings the following pages of the Handbook will help to inform you on the tradition, background, and operation of Student Government; the different enterprises it conducts; the implied opportunities it offers you to develop a campus leader by sharing in the community endeavors. These advantages, together with the intensive academic program, should qualify you, in the years to come, as professional men of breadth and sound citizenship as well as loyal Technology alumni.



THOMAS P. PITRE Associate Dean



KIRK DRUMHELLER President of 6'-'45

FROM THE SENIOR CLASS PRESIDENT:

It is indeed a pleasure to welcome your class to the Institute.

There is a great deal of work to be done while you are here, and at the same time a great deal of pleasure to be obtained.

Since most of you are interested in engineering, the school work will be interesting to you, but school work isn't all. There are a great many extra-curricular activities in which you can and should participate. You will be pretty much on your own once you start here, and taking an active part in student government will be very helpful in developing self-reliance and the ability to work cooperatively with others.

One of the most important things in success at Tech and in later life is a proper balance of work and play. You aren't expected to study all the time here, but you are expected really to work when you work, and to enjoy your play to the fullest.

Good luck to all of you, and may you have a long and happy stay at the Institute.

Sincerely,

KIRK DRUMHELLER

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WELCOME TO FOREIGN STUDENTS

TO OUR STUDENTS FROM FOREIGN LANDS:

May I extend on behalf of the Institute a cordial welcome. You have come to M. I. T. primarily to take advantage of its educational facilities, and you will, I am sure, profit to the fullest from what its classrooms and laboratories have to offer. The chief purpose of this greeting is to welcome you to the many other aspects of Institute life which can make your stay here a pleasant and profitable one.

The Office of the Adviser to Foreign Students, in Room 3-104, is always open, and you are free at any time to seek help with your problems. The Adviser tries to be of service to foreign students by supplying information of a legal nature concerning immigration, visas, legally permissible employment, ration books, military service, etc. He will also help you with your housing and social problems, or will refer you to those who can help. All students not citizens of the United States are expected to fill out an Alien Student Registration Form in Room 3-104 immediately on their arrival.

The T. C. A. you will always find most helpful. You may want particularly to consult its Room Registry. Information about your program of study you will get chiefly from your Registration Officer, but you should feel free to consult with any member of the instructing staff.

All of the regular undergraduate activities are open to you. If you wish to go out for an athletic team, work for one of the publications, or participate in any of the other activities, you will find your fellow Technology students ready to welcome you on an equal footing. We hope you will take advantage of your opportunities and take an active part in student affairs.

PAUL M. CHALMERS

TECHNOLOGY TIPS

STUDIES. You have chosen to come to Tech to learn engineering. In doing so you have set up no small task for yourself. Learning engineering is no easy job. Under the accelerated program it will take you a little under three years. They will be three years of hard work, for Tech's motto is "Tech is Hell" and the old school lives up to its motto. You will find that studies always come first at M. I. T. and that only those who treat them as such remain here for long.

We have to offer only one suggestion in this regard. It is the most valuable tip which we have to offer. You will find that if you spend the first two months getting a firm foundation in all your subjects and develop good study habits and attitudes, the rest of your college career will be merely a matter of keeping up the good work.

SOCIAL LIFE. Although wartime conditions have to some extent created a more serious attitude at the Institute, it is rumored that the Technology curriculum is so taxing upon the student that he finds no time for any social life at all. This is certainly not the case. Dances, concerts, parties, etc., are frequently held, and there are enough girls' colleges around Boston to make up for the numerical lack of co-eds at Tech. Some of you will enjoy studying all week long and forsake all social events.



Others among you may be rash enough to allow your studies to slip and devote an undue amount of time to recreation. Excesses along either line are usually to be avoided. But the old rule about confining social events to the week end still holds.

SUPPLIES. It would be advisable to bring with you to Technology any slide rules

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and drafting instruments that you are able to obtain as there has been some difficulty encountered in obtaining them here or anywhere else. There has been no difficulty in getting textbooks and paper so far and the purchase of such things would best be left until you arrive here. If you plan to board regularly at some place, such as a fraternity house, or do any of your own cooking, you will find your ration books a necessity.



CLOTHES. During the coming

summer season it is inevitable that clothes will tend to be on the informal side. However, when cool weather returns you will find that suits and sport coats predominate. As to formal wear, things are in a transition stage and no one knows quite what to expect. If the need should arise, tuxedoes and tails may be rented at reliable stores in Boston. Don't be surprised to see a goodly number of officers and enlisted personnel of the armed forces around the Institute. In fact you yourself will spend about half of your first year in an R.O.T.C. uniform.

SPIRIT. In normal times, freshman-sophomore rivalry always appears in the form of water fights and de-pantsing riots. However, it is doubtful if much wholesome fun of this type will take place this summer because of the general regimentation that the school is under. Freshman-sophomore rivalry reaches a climax in the annual Field Day competition.

ROOM NUMBERING. At first you may think the system of numbering rooms in the main buildings 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 two sections, each bearing an identifying number. The section immediately 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 300, and so on. The room itself is identified by the last two figures, as 42 or

37. 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.

INFORMATION SOURCES. For general information about M. I. T., you will find the Information Office in Room 7-111. It has copies of the M. I. T. Catalogue for those requesting them, as well as an informative booklet entitled "Educational Opportunities," describing the Institute's normal curriculum. The Catalogue is a complete directory to the Institute itself. It contains a listing of courses and subjects, Institute faculty and officers, the year's calendar, and a great amount of other information of importance to every student. The Information Office also has street directories and timetables. Mr. Jackson in this office is a notary public.

The communities surrounding Boston are rich in historic interest. It was here that the foundations of our nation were laid. In these scenes you will find much to strengthen your love for your country. Although the gasoline shortage is a minor inconvenience, you will find adequate street railway, bus, and train service to most of these communities. Make the most of them, for they are well worth your interest. 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. LOST AND FOUND. All articles found should be turned in at the Superintendent's Office, Room 3-005. This is also, of course, the place to look for anything you may have lost yourself.

STUDENT DEPOSIT ACCOUNTS. 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 will be allowed to withdraw \$25 or less twice a week, but larger amounts may be withdrawn when needed with permission of the Bursar. The office is open from 9 a. m. until 2 p. m., Monday through Friday, and from 9 a. m. until 1 p. m., on Saturday. It is conveniently located on the first floor of the central building.

LOCKERS. There are very convenient lockers for coats and books located in the basement of Building 2. Locker rental is \$.75 a year, with an additional \$1.00 deposit, which is returnable, for the key. Rentals may be paid and the keys obtained at the office of the Superintendent of Buildings and Power, Room 3-005. Lockers in the swimming pool and Field House may also be rented at Room 3-005, with rentals and deposits being the same as for Building 2 lockers.

Tower FEE. Upon payment of a \$2.00 fee, students will re-

ceive a card entitling them to an unlimited number of clean towels during the year on return of used ones. This fee may be paid at the Superintendent of Buildings and Power's Office, Room 3-005.

MEDICAL EXAMINATION. All entering students are required to take a complete physical examination at the Homberg Infirmary in Building 11. The examination is free, and includes a chest X-ray and a dental examination. Appointments

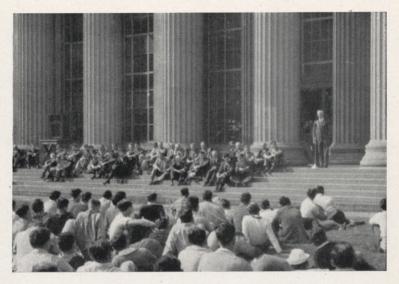


must be made at the reception desk on the first floor of the Infirmary before August 14. Those students not making appointments before this date will be subject to a \$5.00 fine. It is advised that you make your appointment as soon as possible, even before registration day.

FACTS EVERY FRESHMAN SHOULD KNOW:

- 1. Technology's colors are cardinal red and silver gray.
- 2. Freshmen are required to know all the popular Institute songs and cheers found on pages 26 and 27 of this HAND-BOOK.
- 3. No insignia or numerals other than those awarded by the Advisory Council of the M. I. T. A. A. may be worn by students in the gymnasium or on the athletic fields.
- 4. In case of illness, emergency, or accident, call the Infirmary at KIR 6900 (day) or KIR 2926 (nights, Sundays, and holidays), where you will receive all medical aid needed, free of charge. A physician is on duty all day, and nurses are on duty day and night.
- 5. Upon arrival get from the Information Office, Room 7-111, the General Bulletin, which tells about books, assignments, and the like, necessary for your first classes at the Institute.





Freshmen Assemble in Great Court

FRESHMAN CAMP

F RESHMEN entering the Institute are subject to a great change in environment and daily life, and this change is so great that the average man may be set off balance by the newness of it all. To help bridge this gap between prep or high school life and Institute life is the primary purpose of Freshman Camp, run by the T. C. A. The camp gives the freshmen a short cut to the life and spirit of Technology at war, and is a compass whereby he can orient himself in his new world. A second, and quite as important a purpose of Freshman Camp, is the unifying of the new class. A great percentage of the friends made and kept through the years at Tech are made at camp. Still another purpose is to introduce to the freshmen the more important sports and activities. Last but not least, Freshman Camp gives your class an opportunity to determine its own success in years to come.

Freshman Camp was formerly held at Lake Massapoag, in northern Massachusetts. However, this year, as was the situation last year, because of the transportation problem and the general serious attitude prevailing at Tech, it was decided to hold the camp on school grounds.

For twenty-four hours you will live, eat, and talk with a group of leading upperclassmen, faculty, and alumni, thereby gaining an insight into the best of the Institute and its opportunities. Leaders of sports and activities will give you first-hand information on the merits of the various pursuits. Talks by President Compton and important members of the faculty will give you a chance to learn about the scholastic work of the Institute and will offer you a fine opportunity to become acquainted with some of the men with whom you will have most intimate contact in the next few years.

Camp this year will begin on Friday evening, July 6, and will last through Saturday afternoon, July 7. Be sure to send your applications in early, as in past years the demand for reservations has always been great. Rules state that no freshman attending the camp may be rushed by fraternity members during any of the camp sessions.



Dr. Compton Crouches Over the Plate



Battle of the Gloves

FIELD DAY

S INCE November 19, 1901, the supremacy of one of the two lower undergraduate classes at Tech has been determined by an annual Field Day, which serves to replace the former dangerous cane rushes and free-for-alls with organized athletic contests.

For a good many years after its conception, Field Day was a day of intramural athletic contests and a day of concentrated riots, with the former being the minor events of the day. In the period immediately after the first World War, Field Day was a two-day affair, with the famous Tech Night, which consisted of the undergraduates attending a show in a body, opening the hostilities. Tech Night was soon abolished as an extremely wet occasion:

From 1923 to 1926, the riot spirit reached a crescendo, for the custom of having a sophomore banquet replaced Tech Night. It became the aim and holy purpose of the freshmen to disorganize as completely as possible, by fair means or foul, the proceedings at the banquet. Following the disastrous riot which started at the Sophomore Banquet in 1926, an investigating committee, appointed by the Institute Committee, recommended the continuation of Field Day, provided that there be no parades or mass demonstrations of any kind off the Institute grounds, with the penalty for participating being expulsion. It was also suggested that a mass contest of some form, organized and without danger to the participants, be incorporated in the program. The following year, these recommendations were adopted, and the glove fight as we now know it became the traditional mass contest.

Last year, Field Day included seven events: a swimming meet, a crew race, a softball game, a tug-of-war, a dinghy race, a relay race, and, of course, the glove fight. An ample opportunity is thus given each member of the freshman class to do his part in defeating his sophomore antagonists. Because of the great advantages of experience and organization held by the Sophomores, it is important for freshman teams to have large turnouts and much practice before Field Day. Numbers alone can't win athletic events.

Coaches and managers for the various teams are furnished from the regular coaching staff and the upper undergraduate classes. It is traditional for juniors to coach freshman teams and for seniors to aid the sophomores. Members of a victorious team in any athletic event, excluding the glove fight, receive their coveted class numerals.

The glove fight, the last and frequently the decisive contest of the day, gives all the freshmen an excellent opportunity for venting their wrath on their opponents for all the cumulated degradation which they endure at their hands before Field Day. Each contestant is given a colored glove, one color for the freshmen and another for the sophomores. The classes line up at opposite ends of the football field, and, at the signal, they rush at each other, grabbing wildly for the gloves of their opponents. The outy of each freshman is to get as many gloves as possible from sophomores and to deposit them in the barrel provided for the purpose, trying, of course, not to lose his own glove. Old clothes are strictly de rigueur for the event, inasmuch as over-zealous contestants aren't satisfied with gloves and try to capture other articles of clothing, usually trousers, from their opponents.

A spirit of good-will prevails during the tussle, which lasts twenty minutes, and upper-class marshals are on hand to act as judges and referees to prevent injurious action and to disqualify anyone who loses his temper or who is unnecessarily rough. As soon as the final whistle is sounded, the classes again revert to "civilized" conduct. No hard feelings remain as the two classes join in the chorus of the "Stein Song" to close the hostilities. In the evening, the battered, bedraggled, and bandaged survivors meet again, with dates, at the Field Day Dance, where rivalry is forgotten as all enjoy the music of a popular dance band.

If the freshman class should win Field Day, its numerals will be engraved on the Field Day Cup, and, most important, freshmen will be allowed to stop wearing their regulation ties before the appointed time.

FIELD DAY SCORES

Year				Won by
1901-Class of	'04 vs.	'05		Freshmen
1902-Class of	'Uo vs.	'Uố		Sophomores
1903-Class of	'06 vs.	'01		Sophomores
1904-Class of	'U1 VS.	'UB		Sophomores
1905-Class of	'08 vs.	'09		Sophomores
1906-Class of	'09 vs.	'10		Sophomores
1907-Class of	'10 vs.	'11		Sophomores
1908-Class of	'11 vs.	'12		Freshmen
1909-Class of	'12 vs.	'13		Freshmen
1910-Class of	'13 vs.	'14		Sophomores
1911-Class of	'14 vs.	'15		Sophomores
1912-Class of	'15 vs.	'16		Sophomores
1913-Class of	'16 vs.	'17		Sophomores
1914-Class of	'17 vs.	'18		Freshmen
1915-Class of	'18 vs.	'19		Sophomores
1916-Class of	'19 vs.	'20		Freshmen
1917—Class of	'20 vs.	'21		Sophomores
1918—Class of	'21 vs.	'22		Sophomores
1919—Class of	'22 vs.	'23		Sophomores
1920—Class of	'23 vs.	'24		Sophomores
1921-Class of	'24 vs.	'25		Sophomores
1922-Class of	'25 vs.	'26		Sophomores
1923—Class of	'26 vs.	'27		Sophomores
1924—Class of	'27 vs.	'28		Sophomores
1925—Class of	'28 vs.	'29		Sophomores
1926—Class of	'29 vs.	'30		Sophomores
1927—Class of	'30 vs.	'31		Sophomores
1928—Class of	'31 vs.	'32		Freshmen
1929—Class of	'32 vs.	'33	********************************	Sophomores
1930—Class of	'33 vs.	'34		Freshmen
1931—Class of	'34 vs.	'35		Sophomores
1932—Class of		.'36		Sophomores
1933—Class of	'36 vs.	'37		Sophomores
1934—Class of	'37 vs.	'38	************************	Sophomores
1935—Class of	'38 vs.	'39	******************************	Sophomores
1936—Class of	'39 vs.	'40		Sophomores
1937—Class of	'40 vs.	'41		Freshmen
1938—Class of	'41 vs.	'42		Sophomores
1939—Class of	'42 vs.	'43		Sophomores
1940—Class of	'43 vs.	'44	·····	Sophomores
1941—Class of	'44 vs.	'45	· · · · · · · · · · · · · · · · · · ·	Freshmen
1942—Class of	'45 vs.	'46		Sophomores
1943—Class of	'46 vs.	'47		Freshmen
1944—Class of	'47 vs.	'48		Sophomores

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.

Sons Of M.I.T.



The M. I. T. Stein Song

Give a rouse then, in the Maytime

For a life that knows no fear! Turn the night-time into day-

time

With the sunlight of good cheer!

For it's always fair weather, When good fellows get together, With a stein on the table

And a good song ringing clear.

Chorus

For it's always fair weather When good fellows get together,

With a stein on the table

And a good song ringing clear.

Oh, we're all frank and twenty When the spring is in the air;

And we've faith and hope aplenty,

And we've life and love to spare;

And it's birds of a feather When good fellows get together,

With a stein on the table And a heart without a care.



Chorus

And it's birds of a feather When good fellows get together With a stein on the table

And a heart without a care.

For we know the world is glorious And the goal is a golden thing,

And that God is not censorious

When His children have their fling;

Then life slips its tether

And 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. WILBUR, '26.

TECH CHEERS

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

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

TECHNOLOGY! TECHNOLOGY! TECHNOLOGY TEAM! TEAM! TEAM!

MARKING SYSTEM

E ACH student's scholastic performance at the Institute is indicated by his rating which is based upon all the subjects for which a student is registered each term. The rating is an average of his grades with respect to hours in class and study: in short, a ten-hour course would receive twice the consideration as a five-hour one.

The following quality values are assigned to grades:

Honor	Deficient $\dots D=2$
CreditC=4	Fail
Pass	Failed Completely FF=0
Low L=2	AbsentAbs=0

Let us take, for example, Calculus M11, which is represented by 3-6, which means that each week 3 hours are spent in class, 6 hours in study. This would total 9 units for the 15-week course, each unit, therefore, representing 15 hours work. Now let us say the student receives a C in Calculus; then his quality units, let us call it, would be (9x4)=36. Similar calculations on each subject will give a series of "quality units" which need but to be added, the sum divided by the total units, and the answer is the term rating. For example, say a series of grades were as follows: P in 5.01 Chemistry (10 units); L in 8.01 Physics (10 units);



P in D11 Drawing (4 units); P in E11 English (8 units); C in M11 Calculus (9 units); and P in MS11 Military Science (3 units). Multiply the number of units in each subject by the quality values and add to get a total of 131. Divide by the total units and we have a term rating of 2.98, which lies between a low and a passing grade.

At the end of succeeding terms of attendance, a cumulative rating is com-

puted which is based on all the subjects taken in class to date, thereby giving an index of a student's average scholarship since matriculation. The method of computing cumulatives is similar to that for term ratings.

A student will be disqualified for any of the following conditions:



- a) Failure to meet minimum scholastic standards two terms in succession.
- b) Failure to meet minimum scholastic requirements for a total of three terms.
- c) Any term that his rating is below 1.40.

The minimum scholastic standards are as follows:

- 1) Term ratings of 2.00 for first two terms and 2.20 thereafter.
- 2) Cumulative ratings of 2.00 in second term; 2.15 in third term; 2.20 in fourth; 2.30 in fifth; 2.35 in sixth; 2.45 in seventh; 2.50 in eighth and any term thereafter.

Although cumulatives are below the above standards, students will be considered to have met minimum requirements if term rating is above 2.20 for the second term, 2.50 for third and fourth terms, and 2.70 for all other terms.

Transfer students will be held to the same scholastic standards as the members of their class who entered as freshmen, with the exception of the cumulative requirement for the first term in attendance.

Consideration will be given students with records below the minimum scholastic standards in the case of unusual non-academic causes, such as continued illness. Y OUR class will be divided into three groups: those who live in the fraternities, those who live in the dormitories, and those who commute either from home or from a boarding house. You will be faced with the choice of living quarters almost immediately.



Before making a definite decision, ask yourself the following questions:

1. Will my quarters permit me to work efficiently without any disturbing influences?

2. 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?

3. Will my quarters permit adequate facilities for my meals?

4. Which of the three possibilities will offer me most for the amount of money that I can afford?

The fraternities, most of which are located on the side of the Charles River opposite the Institute, offer a style of living more nearly resembling home life than do the dormitories and provide



more group social activities. In the dorms one can live quite independently of others right on the campus. Commuters, of course, enjoy the benefits of the genuine home atmosphere, but in some cases the problem of transportation may prove slightly inconvenient.

It is a fact that a man's success at Technology depends largely on his ability to concentrate when studying and to relax completely when playing. Keep this in mind when you are deciding where you will live.

LIVING AT TECH





Entertainment at the I. F. C. Dance

FRATERNITIES

''A LL work and no play make Jack a brownbagger.'' (A brownbagger is a Tech man who studies twenty-five hours a day.) It is generally agreed that social life at Tech is limited because we have all come primarily to study; therefore, use of leisure time must be well chosen. In a fraternity recreational hours may be spent with fellows having the same interests as you. Fraternity membership not only serves the social needs of the student, but also permits him to share the experience of upperclassmen when a problem gets too hard.

It has been said that part of college education is learning how to live. A fraternity provides every opportunity for harmonious living. There are twenty-two fraternities at Tech. There are large ones and some small ones, nationals and locals, those with religious requirements and those without. Some of the fraternities are located along Memorial Drive in Cambridge; others, in Brookline, one of the suburbs of Boston; but the majority are in the Back Bay area of Boston. Although slightly different in many ways, each of the fraternity houses serve as a home away from home, where serious work and social needs are well balanced.

RUSHING. "Rushing" is a term for the method of selection of new members. During "Rushweek" the members and rushees have a chance to look each other over. At M. I. T., unlike most colleges, rush week starts before the Institute opens, so that both members and freshmen may settle down to the routine of school work without distraction.

Rush week probably got its name from the constant activity of both the members and the prospective members or "rushees." Each fraternity tries to obtain its desired freshmen as soon as possible. Freshmen are sure to be startled by the abruptness of the whole procedure; but it is quite natural. The names of the entering men are obtained through the T. C. A., friends of freshmen, and other acquaintances. These men are contacted, brought to the houses, and those men who are deemed fit for membership receive bids.

Very often the incoming men are asked to stay at a house during the rushing season. This is a common occurence, obligating neither the fraternity nor the rushee.

BIDS. If a fraternity chooses a man, he is given a bid (invitation to join). Selection is a difficult job, but the choice is narrowed by the general requirement of a unanimous approval by the members. An answer is not expected immediately, in order that the rushee might have a fair chance to see all the houses.



"Let's Play the Other Side"

All the houses are eager for the proper men; but beware of the houses that are too forward. See as many of the houses as possible during the first part of the week, reserving the latter part of the week for second visits.

Don't be afraid to ask questions. Finances, athletic and scholastic standing, social activities, living costs, national and local position—all of these things should be inquired about. The most important thing, though, is friendship, for the implication of the word fraternity is that a member's brothers are his closest friends. To judge the members of a house ask yourself such questions as these:

"Are these men the type I want to be with during school? Could I be proud of my future fraternity brothers? Do I want people to judge me by such friends as these? Are these men the type I would like to present to my parents as my best friends?" The answers to these questions will tell you whether you want to be a member of that particular fraternity. Remember that a fraternity is as good as its individual members.

PLEDGES AND PLEDGE PERIODS. Upon receiving a bid you have two choices. You may refuse, in which case there will be no hard feelings, or you may accept. If you accept, you pledge yourself to become a member at some future date. You will be given a pledge pin in recognition of the fact that you are a prospective member. You will have your own pledge meetings, and will acquaint yourself with the brothers and your fellow pledges. You will be taught the history of the fraternity and will be expected to know other pertinent facts concerning the fraternity. This pledge period usually lasts about two months.

ADVANTAGES OF A FRATERNITY. Living, working and eating with a group of fellows will do a lot to make you the likeable individual who gets the most out of life. In a fraternity you have a home-like atmosphere and a place where you may bring your friends. You will make lasting friendships and have brothers all over the country, which association will be a social and business asset in later life. There will be social events for members. Study rules are enforced, and upperclassmen can help you with your difficult subjects. As you become an upperclassman, you learn to shoulder responsibility. Fraternities contribute almost as much to a man's development as does the school work itself; therefore, they should be investigated with special consideration.



Fraternal Vocalizing

INTERFRATERNITY CONFERENCE

The Interfraternity Conference (I. F. C.) is a council composed of representatives of all the fraternities. Its main function is to serve as a place where ideas may be exchanged, rules for all fraternities set up (such as fair rushing practices), and as a mediation board between the fraternities and the school authorities. It also has social and other beneficial functions. The main example of these two are the annual I. F. C. dance and the interfraternity blood-donor competition.

The I. F. C. has done much to raise itself from its old position of a glorified dance committee to an organization which aids the growth of friendly fraternity spirit.

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



I. F. C. Dance

FRATERNITIES AT M. I. T.



ALPHA TAU OMEGA, located at 37 Bay State Road, Boston, overlooks the Charles River and the Institute. Beta Gamma, one of the fraternity's 95 chapters, was chartered here at Technology in 1885, twenty years after the fraternity was founded at the Virginia Military Institute.



Telephone: COM 8029 President: Waite H. Stephenson, Oakland, Cal. Rushing Chairman: Carroll W. Boyce, Larchmont, N. Y.

> BETA THETA PI began its one-hundred and fifth 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 241 Kent Street, Brookline.

This fraternity is inactive for the duration of the war.



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 54 years old and is one of the oldest of the 35 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: COM 8355 President: C. F. Chubb, Coraopolis, Pa. Rushing Chairman: Hugo C. Johnson, Buffalo, N. Y.



DELTA KAPPA EPSILON, founded at Yale in 1844, now consists of 47 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: KIR 3233

President: Charles F. Street, Bristol, R. I. Rushing Chairman: William Y. Humphreys III, Pittsburgh, Pa.



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: KIR 0666, KIR 0667 President: Philip N. Bowdich, Brookline, Mass. Rushing Chairman: Philip N. Bowdich.



DELTA TAU DELTA was founded at Bethany College, West Virginia, in 1859. There are now 76 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, Brockline.

Telephone: LON 8713 President: Richard W. Luce, Southport, Conn. Rushing Chairman: Alan A. Becker, Queens, N. Y.



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 53rd year, is located at 526 Beacon Street, Boston, just across the Charles River from the Institute.

Telephone: COM 8124 President: George S. Ahmuty, Manville, R. I. Rushing Chairman: George S. Ahmuty.



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: COM 8501, COM 9401 President: Edward C. Doyle, Newton, Mass. Rushing Chairman: Ernest U. Buckman, Wilkes-Barre, Pa.





LAMEDA CHI ALPHA, founded at Boston University in 1909, has 107 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.



This fraternity is inactive for the duration of the war.



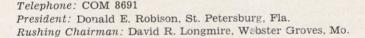
PHI BETA EPSILON, one of M. I. T.'s oldest fraternities, was founded at Tech in 1890. Its position as the only local fraternity at the Institute represents the decision that to accept affiliation with a naional broherhood would mean the loss of the prestige and individuality that has come to the fraternity.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



Telephone: TRO 2341 President: John E. Taft, New Haven, Conn Rushing Chairman: John E. Taft.



PHI DELTA THETA, founded in 1848 at Miami University, Oxford, Ohio, has grown to include, before the war, 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: COM 8048

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.

President: David R. Clare, Perth Amboy, N. J. Rushing Chairman: James S. Craig, Scarsdale, N. Y.



[37]



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: COM 4960 President: Daniel B. Carmody, New York City, N. Y. Rushing Chairman: Robert N. Creek, River Forest, Ill.



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: COM 2968 President: James F. Brayton, Englewood, N. J. Rushing Chairman: Glen V. Dorflinger, New York City, N. Y.



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: COM 9148 President: Gunther S. Fonken, Paterson, N. J. Rushing Chairman: Gunther S. Fonken.



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 18 years has been located at 487 Commonwealth Avenue, Boston.



Telephone: CIR 8093

President: Frederick H. Howell, Jr., Long Island, N. Y. Rushing Chairman: M. James Corbett, Worcester, Mass.



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: COM 7775 President: Herbert J. Hansell, Salem, Ohio. Rushing Chairman: William Bangser, Jr., New York City, N. Y.



SIGMA ALPHA EPSILON, founded in 1856 at the University of Alabama, has since grown to a national strength of 114 active collegiate chapters. Massachusetts Iota Tau chapter was established 50 years ago when Tech was on Boylston Street. The chapter house, located at 484 Beacon Street, Boston, houses most of the 30 active members as of April, 1944.

Telephone: KEN 1139 President: Richard T. Krueger, Buffalo, N. Y. Rushing Chairman: Alexander E. Halberstadt, Bradford, Pa.



SIGMA ALPHA MU was founded at the College of the City of New York in 1909. Xi Chapter, one of the 36 active chapters of the fraternity in the United States and Canada, was founded at M. I. T. in 1917. The chapter house is located at 222 Babcock Street, in Brookline.

Telephone: LON 9666 President: Arthur Schiff, New York City, N. Y. Rushing Chairman: Donald Dewitt, Great Neck, N. Y.



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-fourth year.

Telephone: COM 8459

President: William E. Ritchie, New York City, N. Y. Rushing Chairman: Robert C. Drye, New York City, N. Y.







SIGMA NU was founded in 1869 at the Virginia Military Institute. Originally the fraternity was known as the Legion of Honor and the brothers were called knights. Sigma Nu now has ninety-six active chapters in forty-six states. Chapter number 100, Epsilon Theta, was founded at M. I. T. in 1922 and is located at 259 St. Paul Street in Brookline.



Telephone: LON 9083 President: Stuart G. Farnum, Orlando, Fla. Rushing Chairman: Stuart G. Farnum.



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 68 chapters. The chapter house is at 528 Beacon Street, Boston.

Telephone: COM 7790, COM 7698 President: Robert F. Hoffman, South Orange, N. J. Rushing Chairman: Reuben F. Moulds, Jr., Meridian, Miss.



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: ELI 9809 President: Robert L. Hibbard, Grosse Point, Mich. Rushing Chairman: Edward H. Tebbetts, Newton, Mass.



THETA XI was founded at Rensselaer Polytechnic Institute in 1864. Since then the fraternity has acquired 38 chapters all over the country. The Delta Chapter at M. I. T. was founded in 1885. This gives the chapter a record of almost 60 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.



AX

The Lenox Club was founded late in 1942 when a group of Tech Seniors, who were evacuated from the dormitories to make room for the Army, rented a large house convenient to the Institute. Since its origin the group has efficiently organized and has added men from time to time until, at the present time, all the classes in school are well represented. The chief differences between this group and other Tech fraternities are the absence of a national affiliation and restriction of membership to a relatively small group. Located at 37 Lenox Street in nearby Brookline, the house has a distinctly suburban atmosphere.

TELEPHONE: BEA. 5435. PRESIDENT: George D. Gerpheide, Kalamazoo, Michigan. RUSHING CHAIRMAN: Arthur Leslie, Detroit, Michigan.

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.

LATIN AMERICAN HOUSE

The Latin American House was founded in November, 1943, with the main purpose of providing accommodations and guidance to Latin American students and to serve as a place of understanding among the countries of Latin America and a point of connection between students of North and South America. Initially started with twenty members, it hopes to provide a larger number of students with these facilities and has a diversified schedule of activities for the present year.

Since the House was founded, many lectures and cultural meetings have taken place. It is the purpose of the organization to follow through with this policy of intellectual and social contacts.

The Latin American House is conducted by a committee elected by its members, which is in charge of maintaining a high level of scholarship, comradeship, and spirit of solidarity among them and also intensifying social connections with students of the United States. It is also responsible for giving to the members of the house all the possible assistance that they need in their scholastic life, particularly by assigning upperclassmen the job of tutoring those students who find any difficulties in their daily work.

The house is located at 116 Beacon Street.

TELEPHONE: COM. 9559.

PRESIDENT: Enrique J. de Majo, Caracas, Venezuela.

DORMITORIES

F^{OR} 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 an evening-long "bull-session" or in spirited rough-housing. Because dorm men know how to work and play and achieve a good balance of the two, cumulative ratings and spirits are generally high.

The most obvious advantage of the dormitories is a physical one, that they are located on the campus in the center of all of Tech's scholastic and extra-curricular activities. 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. Again, freshmen are not isolated by themselves but are rather surrounded by upperclassmen, who can help

Looking West Toward New Dorms



them greatly—as well as make sure they wear their ties or send them on errands.

The dorms have a welldeserved reputation for good, friendly roughhousing, but you may find less than the normal amount this summer. The sophomores will hesitate to start brawls when they realize that freshmen will be in the majority in the dorms, and the dormitory authorities will make a slight but firm effort to minimize the extent of rough-housing, for beds, rugs, desks, and civilian students are hard to replace these days.

Since the dorms are but a stone's throw from Walker Memorial, the center of undergraduate activities, you will have an excellent chance to take part in several of the pleasurable and broadening activities and sports which are so essential in rounding out the well-balanced life at Tech.

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. A majority of the residents of the dorms will be freshmen. Your class can make the dorms just about what it wants them to be. It's up to you freshmen who chose to live in the dorms to keep them a grand place to live in and to keep the dorms an important factor in undergraduate sports, activities, and social life at Tech.

DORM COMMITTEE

The student self-governing body of the undergraduate dormitories is the Dormitory Committee, which is composed at present of two elected representatives from each hall, two membersat-large, and several sub-committee chairmen. The group, which holds regular weekly meetings, is charged with the responsibility of conducting dormitory social and athletic events, and of supervising such diverse dormitory affairs as the formulation of freshman rules and the obtaining of magazines for the Burton Room, the dormitory lounge. All efforts of the committee are directed toward making the dormitories a better place in which to work, sleep, and relax.

The outstanding social event of the past season was the Dormitory Christmas Dance, held in Walker Memorial with the music of Jack Teagarden.

The Dormitory Committee sponsored dormitory teams in all the Beaver Key athletic events, and sponsored two very successful bowling tournaments with teams representing all the halls.



U. S. S. Graduate House

NAVY UNITS AT M. I. T.

W HEN you come to Tech you will find that there are a large number of Navy men attending classes here. It is only natural that you should want to know who these seamen are and what they are doing.

The largest group of naval personnel at the Institute is the Navy V-12 Unit. It is expected that when you arrive there will be approximately six hundred of these men. Most of them are college students who enlisted in this officer training program. However, there also is a number of seamen from the fleet who have been selected for officer training. Most of the V-12 are studying mechanical, electrical, or aeronautical engineering; however, there are also a small number who are studying other branches of engineering and a few pre-meds.

The Navy has encouraged its trainees to take part in school affairs and many have taken advantage of the opportunity. You will find the Navy well represented in student government, athletics, and fraternities. The Navy continues to send its engineering specialists to school for eight terms. Then they are sent to midshipman's school for four months. Upon the completion of this training program, they receive commissions as ensigns in the naval reserve.

You may be curious about the life the Navy men lead. Reveille blows at 0615. Calesthenics are from 0630 to 0700. From 0730 to 0830 personnel inspection is conducted and the trainees have chow and clean up their rooms. At 0830 the rooms are inspected. Taps is at 2100. Each Saturday there is a captain's inspection from 0900-1100, and drill for the entire regiment lasts from 1330-1430.



The Colors Pass in Review

THE club which unites the commuters into an organic whole is the 5:15 Club. Organized in 1939 for the express purpose of filling the social and fraternal gap in the lives of Tech's commuters, the club has been instrumental in bringing the far flung travelers of Technology together. The large clubroom in the basement of Walker Memorial serves its members as a social center lounge, and reading and lunch room. Here something is always going on, such as a spirited rubber of bridge, a discussion on prevailing conditions, or a mild riot; all such activities serve to liven up the humdrum life of the commuter.

The club plays a major role in Institute life since it is the representative of one-third of the student body. It sponsors teams in the Beaver Key athletic tournaments, holds a seat on the Institute Committee, and participates in many dances, smokers, and other social activities.

The club is managed by an executive committee composed of a President, Vice-President, Secretary, Treasurer, and two Members-at-large. The only requirement for membership is that the student not live in the dorms or the fraternity houses.

COMMUTERS

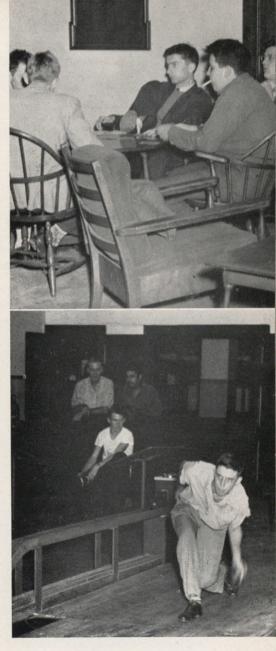
A PPROXIMATELY one-third of the student body at Technology is commuters. These hardy souls suffer more than the usual hardships of Technology life, for they bear the additional strain of having to travel distances to Tech. Many is the student who arises at 6:30 in the morning to catch the 7:27 out of Suburbia and who arrives just in time to hear the 9:05 bell ring. These men live by their watches; their sole source of exercise is elbowing their way through subway crowds and running up escalator stairs to catch the 5:15 with thirty seconds to spare.

Many men who come from far out of town commute from

nearby boarding houses. These are ideal living places for the men who like peace and quiet during their evenings. A list of available rooms may be obtained at the T. C. A. office.

Commuting is a rough life, but it has its advantages. The commuter is probably the best-fed man on the campus, and he has all the other advantages of living at home. One disadvantage is the difficulty of taking an active part in Institute exlife: tra - curricular nevertheless, a goodly percentage of the staffs of the various activities travel back and forth from their homes daily.

> 5:15 Club Finds Moments of Relaxation



E VERY student who wishes to lead a life well balanced with respect to scholastic endeavor should plan to include activities in his curriculum. Not only are non-academic interests a constant source of pleasure and relief from the grind of "brown-bagging," but they



play a large part in developing a mature, thinking person.

The primary importance of an activity to the individual is that it furnishes him the opportunity to meet and work together with other people. Most of the activities enable a person to make contacts which may last long after his stay at the Institute. Besides affording much pleasure, activities allow a person to follow



those fields of work in which he is particularly interested and in which he may do something constructive. Even if you, as freshmen, have never done anything in a certain field, you may still enjoy the activity involving that particular work, for there is ample opportunity for you to learn as you go along.

The choice of an activity demands consideration of two points: whether the activity will benefit you and whether you like, or think you will like, the work. Depending on the amount of effort you exert in the field, your activities can produce benefits which will be appreciated in the future as well as during your college days.

ACTIVITIES



1.



Walker Memorial

INSTITUTE COMMITTEE

THE central legislative body of the student government system at Tech is the Institute Committee. This group is composed of three representatives from each class and one representative from each of the major activities of the school, a total of 27 men.

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

All students, both on and off the Committee, realize that the organization and its influence on the student body at large is not perfect. Hence, the efforts of the members of the group are directed constantly toward improving the effectiveness of the Committee and making student self-government more complete and more beneficial to the students.

The President of the Senior Class is President of the Institute Committee; the Chairman of the Budget Committee is the Treasurer; and the Vice-President and Secretary are elected from and by the members. These men, plus a Representative-at-Large chosen from and by the members of the Institute Committee, and the chairman of the Walker Memorial Committee, make up the Executive Committee, whose function is to gather facts about matters relating to student affairs, and to make recommendations on the basis of these facts.

Standing sub-committees, described in detail later, attend to certain special matters such as budgets, room assignments for activities, 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.

This government cannot function to best advantage without the support of all undergraduates. The meetings of the Committee are open to the students, who should attend occasionally in order 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.

WALKER MEMORIAL COMMITTEE

The Walker Memorial Committee, an executive sub-committee of the Institute Committee whose function is to coordinate undergraduate activities, is composed of one senior, who serves as chairman, three juniors, and six sophomores. New members are selected to the committee by means of a competition held for second-term freshmen, who are chosen on the basis of their ability as evidenced by the duties involved in the competition.

The duties of the Committee are numerous and varied. The group is responsible for the enforcement of the house rules of Walker Memorial and handles room assignments in the building. The Committee also authorizes the use of such Institute facilities as bulletin boards, blackboards, and tables in the main lobby. In the Walker office are kept on file the constitutions of all student activities, a complete list of officers of organizations, minutes and other records of the proceedings of the Institute Committee, and reports on dances held in Walker Memorial.

Further duties of the Committee are to inform preparatory schools of noteworthy achievements of their alumni and to main tain a record of the number of points credited to participants in Institute activities as specified by the Points System, which is designed to prevent individuals from overloading themselves with extra-curricular work.

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 elections, 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 and seven associate members. The chairman is a senior and is a member of the Institute Committee. As such, he is responsible to the Executive Committee. The associate group consists of at least two seniors and three juniors. Sophomores are elected to the Committee after a competition held in the second term of their freshman year.

BUDGET COMMITTEE

The responsibility for making a fixed income match the expenditures of the major undergraduate activities and the athletic teams belongs to the Budget Committee, a standing sub-committee of the Institute Committee. This small, appointed board goes about the harrowing task of making ends meet by trimming the annual organization budgets to suit the income, which is derived from student dues.

The chairman of the committee is aided in his labors by his position on the Undergraduate Budget Board and the Institute Committee. From the former he gets advice from the administration, while the latter keeps him instructed on the functions of the various activities.

Each activity is required to submit regular financial reports to the Budget Committee. With these figures the chairman and his two or three assistants carry on their tussle in their little den on the second floor of Walker Memorial. Thus the committee fights bravely on, with black ink on the right, red ink on the left, and eradicator at dead center.

JUNIOR PROM COMMITTEE

The Junior Prom is one of the most prominent social events of the year. The occasion is marked by a complete weekend of parties and dances. Although the accelerated program has produced the necessity of holding a Junior Prom once every eight months, no one has been found to complain yet.

The Prom is run by the Junior Prom Committee, which consists of five special members elected by the class, besides the President and the Treasurer, who automatically, by virtue of their class offices, direct the J. P. Committee.

The most recent Junior Prom was held Friday, April 20, in the Imperial Ballroom of the Hotel Statler. Music was supplied by Mal Hallett and his orchestra. On the following Saturday night a large informal dance was held in Morss Hall in Walker Memorial Building to the music of Ken Reeves. Two parties at fraternity houses completed the bill of entertainment for Saturday night.

STUDENT-FACULTY COMMITTEE

Working quietly and effectively, the Student-Faculty Committee through discussion and suggestions promotes cooperation between the faculty, administration, and student body.

The committee consists of seven faculty members, appointed by the President of the Institute, and a student group of three seniors, three juniors, two sophomores, and one second-term freshman, who are appointed by the student head. The present faculty chairman is Professor J. H. Keenan of the Mechanical Engineering Department.

Problems concerning individual courses, staff instruction, and other such academic matters are brought up and examined at the deliberations of the student group. Such problems as are considered worthy of attention and then presented to the faculty chairman, who investigates the subjects in hand. A dinner meeting is customarily held in order to bring both the student and faculty branches together for open discussion. It is requested that all student problems pertaining especially to courses and teaching be brought to the attention of the student members either orally or in writing.

THE TECH

I^N any organized group it is essential that there be some means of interchanging news and ideas. At M. I. T. *The Tech*, the official undergraduate newspaper, has this function. It has filled this job for sixty-five years, being the oldest activity at the Institute.

Published once a week, *The Tech* offers thorough training and experience in all the varied fields connected with the publication of a newspaper. From the time an event occurs until the paper appears on campus—sports, news, feature and editorial writing, business management, advertising sales, design and layout, bookkeeping, photography, photo-engraving, makeup, and circulation—all phases of newspaper work are carried out by the student staff members.

Not only do staff members learn how a newspaper organization works, but because of the nature of their work they soon gain an excellent knowledge of the Institute, the faculty, and the various undergraduate activities. Freshmen have always done a considerable amount of the work on *The Tech*, and with fewer upperclassmen at school now on account of the war new men who show ability will find ample opportunity for rapid promotion.

Position on *The Tech* are awarded on a competitive basis. The positions of reporter and staff member are open to all entering freshmen who serve as candidates for a short time. Ordinarily, the most able freshmen are elected as 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, and four juniors are elected to the Managing Board. These four men—the General Manager, Editor, Managing Editor, and Business Manager—determine the editorial policy of *The Tech* and have full responsibility for the success of the entire organization.



TECHNIQUE

 \mathbf{F} OUNDED in 1885, *Technique* is the second oldest publication at M. I. T. The first *Technique* was a small paperbound volume, very different from the leather-bound volumes of today. In the years since the first publication *Technique* has grown and developed into an annual which is a credit to Technology as a permanent record of all school activities. Several times *Technique* has been awarded the All-American Honor Rating 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 in the various departments: advertising, circulation, literary, photographic, and treasury.

The organization of *Technique* is simple, yet efficient. The book is managed by a senior and junior board, assisted by a fresh-man-sophomore staff.

The members of the junior board each have charge of one department and are assisted by several sophomores working under them. The Advertising Manager and his staff gain practical experience by meeting and doing business with people during the course of their solicitations. The Circulation Manager conducts several campaigns and in general has charge of the distribution of the book. The Treasurer handles all of the financial affairs, besides working with the Business Manager in deciding how much money is to be spent.

The captioning and gathering of all the pictures that go into the year book are the business of the Organizations Editor. Actual photographing is handled by the Photographic Editor. The Biographies Editor sends questionnaires to all the faculty and seniors and compiles this information in the faculty and senior sections of the yearbook.

The staff offices, on the third floor of Walker Memorial, are open to one and all for information about *Technique* and its functions.

VOO DOO

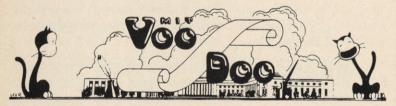
''G ET 'em here; get 'em while they're hot from the presses. Get your *Voo Doo* here! Get your laugh for today. Are you just going to sleep through class? Read *Voo Doo!*'' So runs the chant of *Voo Doo's* salesmen. Tech's craziest activity is at it again.

Voo Doo is M. I. T.'s humor magazine. It comes out every month, replete with Voodoings (news and views about Tech) sideviews (descriptions of leading upperclassmen), 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's* 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, circulation, publicity, or advertising 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 drives, both at Tech and neighboring girls' colleges. The circulation staff sees that subscribers get their issues regularly.

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.



Voodooings...

THE TECH ENGINEERING NEWS

TAILORED to fit the interests of students, alumni, professors, and professional men alike, *The Tech Engineering News* presents articles on subjects of current technical importance. For general excellence in its field, T. E. N. was awarded permanent possession of the Yale Cup several years ago and continues to receive awards from the Engineering College Magazines Associated.

As the undergraduate technical journal of M. I. T., *The Tech Engineering News* offers the students opportunity to express his publication desires and talents. Now in its twentysixth year, the journal presents technical articles by men in industry, Institute professors, and the students themselves. Since the magazine is published monthly, there is ample opportunity for a large literary staff to be handled.

Articles are obtained by the literary staff. Letters exchanged between student and author-in-industry aid greatly in developing the student's ability to obtain and continue contact with industry. Before any student writes an article he is sent to see the faculty members connected with that field. Those who feel adept at writing are requested to offer articles to the managing board for consideration.

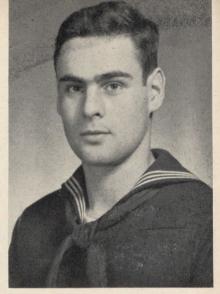
The business department comprises circulation and advertising. The advertising staff is necessarily kept small because of the manner in which it procures advertising. The circulation staff has the job of getting the issue mailed, caring for subscriptions, and planning sales-days.



TECHNOLOGY CHRISTIAN ASSOCIATION

THE T. C. A. is primarily a service organization whose facilities are offered to every member of the student body. Its aim is to help Technology realize her high est ideals.

An Advisory Board maintains secretaries and office assistants and gives advice regarding the organization's policies. Active direction is, however, in the hands of the student members of the executive committee and the cabinet.



WILLIAM F. BLITZER T. C. A. President

EXECUTIVE COMMITTEE President, William F. Blitzer Vice-President, Christopher G. Boland, III Secretary, John F. McCarthy Treasurer, Marshall Byers Manager, Boys' Work, Marvin Sparrow

SECRETARIES General, Wallace M. Ross Employment, Pennell N. Aborn

EMPLOYMENT BUREAU

Student employment at Tech is under the supervision of the Student Employment Bureau, a branch of the T. C. A. which endeavors to find part-time positions for Technology students. Because the greatest portion of your time will be spent in doing regular school work, you should not count too heavily upon the income from a part-time job.

FRESHMAN CAMP

Director, Herbert J. Hansell

Since 1926, the T. C. A. has organized and directed a pre-

school camp for freshman orientation. Formerly held at Lake Massapoag, for the duration camp will be held on the Institute grounds. It is at Freshman Camp that incoming students have their best opportunity to meet classmates, leaders of various activities, and members of the faculty in an informal setting.

Also of service to incoming freshmen is the system of freshman advisors. Prior to their arrival at Tech, freshmen receive personal letters from upperclassmen concerning various aspects of Tech life and problems usually encountered by freshmen. These upperclass Freshmen advisors are assigned through the T. C. A. with the hope that it can prove to the freshman that there is someone on the Tech campus interested in him.

RELIGIOUS ACTION DIVISION Director, Donald H. Haliburton

One of the most important divisions of the T. C. A., the Religious Action Division cooperates with the churches of Greater Boston in making available the various churches. During the school year it sponsors a series of marriage lectures; the Tech Embassy, which is an annual religious emphasis program that provides every student with the opportunity to enter into an informal dinner "bull session" on religious and philosophical subjects; and a number of other talks on topics of interest by distinguished lecturers. This division also sends delegates to represent Technology at various conferences, particularly at the annual conference of the Student Christian Movement each June. In addition this division has organized a school-wide blood donor drive, secured books and clothing for our Russian allies, and cooperated with various national war relief agencies in their campaigns.

PUBLICATIONS DIVISION

Manager, Alan R. Gruber

The publications division has two important functions each year. First is the preparation of this handbook, designed to introduce new students to the activities, traditions, and regulations of Tech, and second is the publication of a 19x24 desk blotter, given to every student at the Institute twice a year. Besides providing a good medium for the use of advertisers whose products or services appeal to Tech men, the blotter provides a handy calendar and a list of telephone numbers of various Institute offices and fraternities.

OFFICE ACTIVITIES

This very heterogeneous division offers Tech students a number of unrelated services. One is the room registry, where information on housing facilities in the vicinity of Tech is available for those students who do not wish to live in the dormitories or fraternities. Another is the ticket service, through which tickets to Boston plays and concerts can be secured at box-office prices, saving the students time, trouble, and money. Third, there is the information service, which makes available time-tables, maps, and information about incoming freshmen, of use to activities and fraternities. Then there is a book exchange, which provides a means of buying or selling second-hand text books, drawing instruments, etc. Finally there is the Tech cabin, on the shores of Lake Massapoag, thirty-six miles from M. I. T. Through the director of the cabin, any group of Tech students numbering up to thirty, may make arrangements to spend a pleasant weekend at the cabin.

FOREIGN STUDENT DEPARTMENT Director, Nelson Chang

This department, especially active now since foreign students form a larger percentage of the Institute's enrollment than ever before, tries to aid the foreign students at Tech. It is in close contact with the various foreign student organizations on the campus and throughout Greater Boston.

UNDERGRADUATE DRIVE Chairman, Daniel R. Vershbow

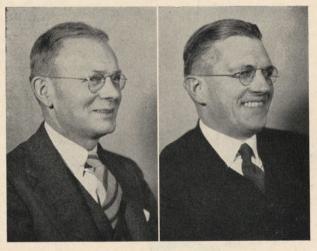
Every year, in order to meet the expenses of its undergraduate activities, the T. C. A. conducts a drive among the students of the Institute. The sum raised in the drive does not, however, cover the salaries of the full-time staff of the T.C.A. Money for staff salaries is collected through a solicitation of faculty, alumni, and parents. Both the undergraduate drive and the advisory board solicitations are conducted by student volunteer workers.

BOYS' WORK DIVISION

Director, Marvin Sparrow

The T. C. A. Boys' Work Division is engaged in obtaining 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. In conjunction with its boys' work, the T. C. A. each years gives several hundred dollars towards sending underprivileged 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

NAUTICAL ASSOCIATION

O NE 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, membership to which is open to all persons connected with Tech, administers the sailing program throughout the year.

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

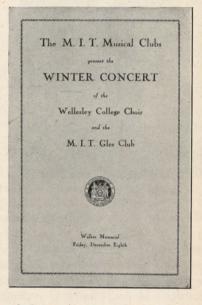


races are held on Saturday and Sunday afternoons, while informal competition is conducted during the week.

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 Harvard. Coast are Guard Academy, Brown, Williams. Dartmouth. Cornell, Yale and Navy. The efforts of last year's team netted four regatta trophies.

COMBINED MUSICAL CLUBS

O NE of the most popular activities at the Institute is the Glee Club. To the student who enjoys good music and likes to sing, the Glee Club offers much. During each term the club gives at least one concert by itself and several in conjunction with nearby girls' colleges. During the last term the Glee Club sang the entire Handel's "Messiah'' with the Colby Junior College Glee Club at New London, New Hampshire, and had concerts with the glee clubs of Pembroke College, Wellesley College, Mount Ida Junior College, and Lasell



Junior College. The high spot of the spring term is the club's annual appearance with the Boston Pops Orchestra at Symphony Hall.

The rehearsals twice a week provide an excellent opportunity for the Tech man to relax from the tension of the daily grind. At the present time, the men in the club number about sixty, over one half being Navy men.

For those who are interested in the business end, the musical clubs provide an opportunity to become an integral part in the organization managing the club. Positions are open for business and concert managers, who take care of all the important details which go to make up a successful concert.



Week-end Outing

OUTING CLUB

THE M. I. T. Outing Club is an organization whose principal activity is recreational trips, square dances, and other such functions, which are generally conducted over the week end. Founded in 1935, the M. I. T. O. C. is associated with the Intercollegiate Outing Club Association, which also claims branches at Harvard, Radeliffe,

Wellesley, Tufts, Sargent, Simmons, and Jackson.

The Outing Club at Tech represents one of the most active organizations on the campus. The O. C. pursues an ambitious schedule the year around, making many trips into the regions surrounding Boston. During the spring, summer, and fall the club indulges in rock-climbing, cycling, canoeing, and hiking, while occasional week-end camping ventures are arranged to augment the program of day trips. Popular during the winter season is skiing on nearby slopes. The outing Club, besides promoting recreational skiing, also backs the ski team which represents M. I. T. in intercollegiate competition.

During vacation periods special trips are undertaken to such outlying spots as Stowe, Vermont and Mount Washington, New Hampshire. Aside from the outdoor activities monthly square dances are sponsored by the I. O. C. A.

Newcomers are urged especially to participate in Outing Club activities, since the trips are planned particularly for novices. Every journey is under the supervision of several experienced men. The equipment of the organization, such as rockclimbing gear and cooking utensils, may be borrowed by club members at any time. Also available on payment of a small fee are skis, poles, and hooks.

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ASSOCIATION OF WOMEN STUDENTS

T HE social activities of every co-ed during her stay at Tech revolve around the A. W. S. The association was formed to promote friendship and good times among the women students and to help in as many ways as possible. All women students automatically become members when they enter Tech.

The "home" of the A. W. S. is the luxurious suite of rooms in Building 3 given to the girls in memory of Margaret Cheney, one of Tech's first women students. The suite consists of a living room, large kitchen, study, rest room and locker room. From nine to five there's always something going on—studies, lunchmaking, bridge games, or just a friendly chat. The living room is always well supplied with magazines and newspapers. The regular business meetings, teas, and dinners are held in these rooms.

At present the chief interest of the group is the planning of a dormitory for the girls; the members are always busy orienting newcomers, be they freshmen, transfers, or graduates. Each new girl has a "big sister" who takes it upon herself to assist that girl in finding her place. The professional societies and many of the other activities are open to women students, so that anyone

interested can certainly find many many ways to spend leisure time. Tennis, swimming, and sailing are also open to the girls.





At Work in the Hobby Shop

HOBBY SHOP

THE 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.

ROCKET RESEARCH SOCIETY

T HE M. I. T. Rocket Research Society is a student organization to promote interest and research on rockets and allied problems. All interested persons may become members and attend the weekly meetings. These meetings consist of discussion concerning basic and advanced theories and their relations to the experimental work being carried on by the society. The society publishes pertinent articles written by its members; also, it aids students doing thesis work on rockets. At this writing the society is engaged in design and testing of experimental rockets.

DRAMASHOP

T HE only dramatic organization on the campus, the Dramashop offers a wide variety of positions for students interested in the theater. The Dramashop each term presents a play, generally staged in the New England Mutual Hall. Thus, providing an opportunity for persons attracted by acting or stage work to exercise their talents, the Dramashop is an important element in the program of extra-curricular activities.

No previous experience in dramatics is necessary for participation, for positions on the cast and management are competitive. The only permanent office is that of Secretary-Treasurer; the remaining management is selected for each production on the basis of previously demonstrated ability. Professor Dean M. Fuller of English department is dramatic coach and faculty advisor. All interested are invited to drop in at Dramashop headquarters, Room 2-176, at any time.

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. A plan has been followed this term by which lectures on advanced subjects are dealt with one week and elementary subjects the next; occasionally a series of talks on one topic is given. Sometimes the Mathematical Society holds a joint meeting with the Physics Society when dealing with a topic of common interest.

PHYSICS SOCIETY

THE Physics Society is a group of students interested in physics above and beyond the regular courses at the Institute. The club sponsors lectures dealing with recent developments in the field or specialized aspects of the subject. Occasionally a trip through such places as the cyclotron or the Van de Graaf generator is arranged.

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CHINESE STUDENTS' CLUB

THE Chinese Students' Club was formed in 1916 to knit the Chinese students at Tech and other colleges together in close fellowship and cooperation. Every Chinese student at M. I. T. is automatically a member, whether graduate or undergraduate. Thus the Association has about 130 members, making it one of the largest groups at Tech.

The Chinese Students' organization offers social, athletic, and educational activities. Lectures by outstanding Chinese and dis cussions of international problems are held regularly. There is an annual athletic meet with a corresponding organization at Harvard. Parties and dances are given to acquaint Chinese students with girls of the locality. In addition, a bulletin informing the members of the club's activities is published regularly.

EAST AND WEST ASSOCIATION

THE East and West Association, as its name implies, is designed to further relations between European and American students and those from the Far East. The club presents lectures, discussions, and social affairs for its members. Thus the organization hopes to play some part in world unification by acquainting students with the art, music, politics, and customs of other nations. In addition the society helps foreign students assume their proper place at Tech. All students, foreign and American, are invited to join.

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 organiaztion is to orient Indian students in their new surroundings, to acquaint Americans with Indian life, and thus to pave the way for the future importance of India as a world power.

INTERVARSITY CHRISTIAN FELLOWSHIP

T HE M. I. T. Intervarsity Christian Fellowship is a group in which all students can learn the meaning of Christianity and in which Christians can enjoy spiritual fellowship. The group meets each Wednesday for study of the Bible, the word of God, as it applies to us. Men of very interesting backgrounds speak at special meetings of the Fellowship. All meetings are announced on the bulletin boards, and all members of the student body, faculty, and staff are invited to attend.

HILLEL SOCIETY

T HE Hillel Society of M. I. T. is an organization devoted to providing opportunities for Jewish students at the Institute to study Jewish culture, acquire an understanding of Jewish affairs, to practice their religion, to represent the Jewish group in inter-faith programs, and to participate in social fellowship. The program consists of lectures, study groups, holiday celebrations, and social affairs. All Jewish students at the Institute are eligible to join.

The Hillel Society is the Institute chapter of the National B'nai B'rith Hillel Foundations, which maintain other chapters in the Boston area. Joint programs are frequently conducted with the other schools.

CHRISTIAN SCIENCE ORGANIZATION

T HIS organization was founded in 1921 under provisions of the Manual of The Mother Church to encourage Christian Scientists at M. I. T. in the utilization of their religion and to afford them opportunity to meet their co-religionists here and at neighboring colleges. All are cordially invited to the organization meetings held each Tuesday at 5:10 p. m. in 7-138. Other activities include the sponsorship of a Christian Science lecture, a shelf of authorized literature in the Central Library, and dinners or outings with organizations from nearby colleges.

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CATHOLIC CLUB

THE aims of the M. I. T. Catholic Club is to further knowledge and interest of the Catholic students at Tech. With a current membership of about a hundred students, the organization has rounded out thirteen years of existence on the Tech campus.

The Catholic Club conducts a series of weekly meetings, at which prominent clerical men of the district often speak. Discussion on current topics of religion is also a part of these weekly gatherings.

The regular sessions are supplemented by various other activities, including communion breakfasts and dinners. Dances with the clubs of such neighboring schools as Radcliffe and Wellesley add to the social program.

DEBATING SOCIETY

A N excellent opportunity for gaining valuable experience in public speaking and debating is offered to Tech men by the M. I. T. Debating Society. This organization has expanded rapidly in the past several terms and has maintained a position of one of the most active of all Class A activities. Its members enthusiastically take part in the debating activities and divide their time between the Society's office, which is generally a hubbub of activity, and the office of the coach, Mr. Edward F. Perry, whose help and experience have made possible the brilliant record of the past year.

The schedule covers a wide variety of opponents, including as many different schools as possible. Outstanding features of the schedule during the past two terms were radio debates in New York City with Columbia University and New York University, tournaments at West Point and Williams, and an excellent record of victories in some twenty-five other intercollegiate debates.

The activities of the Society are by no means confined to debating, however; some members devote all their energy to managing the schedules, publicity, finances, and other affairs.

HONORARY SOCIETIES

H ONORARY societies at M. I. T. are of several kinds. They might be grouped into those which honor men of outstanding scholastic record, those which single out men for active participation in activities, and those which elect men of athletic achievement.

The national honorary engineering fraternities, of which Tau Beta Pi, open to all those in any engineering field, and Alpha Chi Sigma, open to those in chemistry and allied fields, are the two most active for undergraduates at Tech, place greatest emphasis on scholastic achievement. However, they are also concerned with a man's outside interests, his activities and hobbies, his character and personality. Though these honorary fraternities are fundamentally recognition societies, they are very active about school, holding dinners, sponsoring lectures and movies, and organizing social functions. One of the best aspects of these fraternities is that they foster friendly relationships with faculty members on an informal basis.

The societies which honor activity men, such as the Beaver Key, honorary junior society, or Gridiron, honorary literary society, elect men on the basis of their achievements in the various activities about Tech. These societies too are generally concerned with more than a man's record, for they consider also personality and interests. Generally they have an auxiliary function besides being a recognition society. The Quadrangle Club, for instance, watches over the freshmen, sells them ties, enforces the rules, and tries to instill class spirit. Beaver Key runs athletic tournaments for the dorms and fraternities and also acts as ambassador to visiting teams. The Baton Society sponsors musical events about Tech.

The athletic honorary societies, such as the Track Club, Swim Club, and Boat Club, are generally open to winners of varsity letters in the respective sports. They are active socially, as they hold outings, parties, and dinners.

Besides the societies described above, there is the honorary dormitory society, Dorclan, and the dorm sophomore club, Agenda, which keeps an eye on dorm freshmen.

PROFESSIONAL SOCIETIES

A ^T present there are nine active professional societies at Tech, although in normal times there have been as many as twelve such organizations represented on the campus. 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.

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.

The societies which are currently active are the American Institute of Chemical Engineers, American Institute of Civil Engineers, the American Institute of Electrical Engineers, the American Society of Engineers, the American Society of Mechanical Engineers, the Architectural Society, the Institute of Aeronautical Sciences, the Naval Architectural Society, and the Society of Automotive Engineers. Other organizations which have been represented at Tech in the past are the Association of General Contractors of America, American Institute of Mining and Metallurgical Engineers, and Army Ordnance.

The values and advantages of belonging to an active professional society have been demonstrated over and over again. From the sketch above you can get an idea of their organizational setup at the Institute.

ACTIVITIES OFFICERS

AGENDA

President: Robert W. Hanpeter Vice-Pres.: Norman L. Kee Sec.-Treas.: Daniel W. Greenbaum

ALPHA CHI SIGMA President: Harold Thorkilsen Vice-Pres.: David A. Trageser Secretary: Gonzalo C. Docal

ALPHA PHI OMEGA Defunct

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS President: Samuel Gusman Vice-Pres.: Curt B. Beck Secretary: Roger Bart Treasurer: Richard A. Cotton

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS Chairman: Edwin T. Bean, Jr. Vice-Chairman: Robert L. Black Secretary: Robert F. Favure Treasurer: L. Charles Wellard

AMERICAN SOCIETY OF CIVIL ENGINEERS President: Edward C. Holt, Jr. Vice-Pres: Harry J. Leonard Secretary: William H. Semple Treasurer: John F. Sullivan

AMERICAN SOCIETY OF MECHANICAL ENGINEERS President: Warren J. Harwick Vice-Pres.: William J. Meade, Jr. Secretary: William J. McKay Treasurer: Harold V. Rover

ARCHITECTURE SOCIETY President: Lehi R. Gardner Secretary: Mildred E. Lisk Treasurer: Durga S. Bajpai

ASSOCIATION OF WOMEN STUDENTS President: Anita A. Porell Vice-Pres.: Lena Sutera Secretary: Eleanor P. Collins Treasurer: Mary Frances Penney

BATON SOCIETY Defunct

BEAVER CLUB Defunct BEAVER KEY SOCIETY President: Edward J. Kelly, Jr. Vice-Pres.: David A. Trageser Secretary: Harold Thorkilsen Treasurer: Charles F. Street

BENCHMARK

Defunct

BOAT CLUB Commodore: Charles F. Street Vice-Com.: Stuart Edgerly, Jr. Sec.-Treas.: William W. Pockman BRIDGE CLUB Defunct

BUDGET COMMITTEE Chairman: William H. Semple CAMERA CLUB

Defunct

CATHOLIC CLUB President: Richard L. McManus Vice-Pres.: Antonio C. M. Nunes Treasurer: John T. Harvell Secretary: John F. Marr, Jr.

CHEMICAL SOCIETY Defunct

CHI EPSILON

Defunct CHINESE STUDENTS' CLUB

President: Shiou Chuan Sun Secretary: Hsuan Yeh Manager: Kam Fong Lee

Treasurer: Yu Shu Chen

CHRISTIAN SCIENCE ORGANIZATION

President: William Mitchell

Vice-Pres.: John L. Cowan Treasurer: Donald H. Haliburton

CLASS OF 6-45

President: Kirk Drumheller

Vice-Pres.: Charles F. Street

Sec.-Treas.: Walter H. O'Connell

Institute Committee:

William F. Blitzer, George E. McKewen, Jr.

CLASS OF 2-46

President: James S. Craig

Vice-Pres.: William H. Semple Secretary: Glen V. Dorflinger

Institute Committee:

Hillman Dickinson.

George A. Ley

ACTIVITIES OFFICERS (Continued)

HOBBY SHOP

CONFERENCE

FELLOWSHIP

SCIENCES

M I. T. A. A.

Daniel B. Carmody

CLASS OF 10-46 HILLEL SOCIETY Vice-Pres.: Frank A. Jones, Jr. Fresident: Marvin Sparrow Vice-Pres.: Eugene M. Gettel Vice-Pres.: Frank J. Blatt Secretary: Robert N. Creek HINDUSTAN ASSOCIATION CLASS OF 2-47 President: Gopal Tripathi Secretary: Arabindo Bose President: Richard J. O'Donnell Vice-Pres.: Robert W. Hanpeter Sec.-Treas.: Warren K. Watters Foreman: Charles H. Hart, III Institute Committee: Treasurer: Isaav Stempnitzky Clinton Josey. Robert L. Seidler INTERFRATERNITY COMBINED MUSICAL CLUBS General Mgr.: Robert P. Fried Chairman: Roger E. Spoerl Secretary: Robert Taylor Business Mgr.: Charles Dobony Librarian: Robert D. Birkhoff Treasurer: William H. Schield Leader: Carl H. Haushalter INTERNATIONAL CLUB COURSE II A SOCIETY President: Victor de Mello Defunct Vice-Pres.: Frank H. Low Secretary: Lewis T. Mann, Jr. DEBATING SOCIETY General Mgr.: Herbert J. Hansell INSTITUTE COMMITTEE Debate Mgr.: Donald L. Wallace President: Kirk Drumheller Business Mgr.: J. L. Uretsky Vice-Pres.: David A. Trageser DORCLAN Secretary: James S. Craig President: Walter H. Levy INTERVARSITY CHRISTIAN Vice-Pres.: John J. Vozella Sec.-Treas.: T. Nicholas Berlage President: Peter Sluis, Jr. Vice-Pres.: Theodore H. Eliades Sec.-Treas.: Roland H Dewhurst DORMITORY COMMITTEE President: John J. Vozella Treasurer: Samuel Gusman Secretary: T. Nicholas Berlage INSTITUTE OF AERONAUTICAL Chairman: R Duncan Luce DRAMASHOP Vice-Chairman: Henry W. Pickford President: Robert N. Connors Secretary: Frank L. Carroll Sec.-Treas.: Mary Sullivan JUNIOR PROM COMMITTEE EAST AND WEST ASSOCIATION Chairman: James S. Craig President: Frank W. Low Secretary: Victor F. B. deMello Treasurer: Recep A. Safoglu President: Thomas A Hewson Vice-Pres.: S. James Goldstein Secretary: S. W. Moulton ELECTIONS COMMITTEE Chairman: Clinton H. Springer Treasurer: Edward J. Kelly, Jr. ETA KAPPA NU Member-at-large: Defunct MATHEMATICAL SOCIETY 5:15 CLUB President: Thomas F. Kelley, Jr. President: Ross E. Graves Vice-Pres.: Louis B. Wadel Treasurer: Joseph C. Hobaica Sec.-Treas.: Ralph G. Selfridge GRIDIRON President: Noel N. Coe NAUTICAL ASSOCIATION Vice-Pres.: Thomas R. Scanlon, Jr. Sec-.Treas.: Arthur Schiff Commodore: Charles K. Bloomer Vice-Com.: Leigh A. Brite Secretary: Morton S. Bromfield HEX ALPHA Defunct Treasurer: Daniel W. Greenbaum [76]

ACTIVITIES OFFICERS (Continued)

NAVAL ARCHITECTURAL SOCIETY Pres.: Theodore P. Blakeslee, II Vice-Pres.: Marshall Byer Sec.-Treas: Roger W. Hood OSIRIS Officers announced in Technique at end of year. OUTING CLUB President: DeForest W. Meehleib Sec.-Treas.: Rolfe Glover Trips Director: Robert J. O'Donnell News Editor: Lyman Crittenden PHYSICS SOCIETY President: John M. Dudley Vice-Pres.: Frank H. Low Secretary: Albert G. Petschek Treasurer: William H. Peake QUADRANGLE CLUB President: Warren K. Watters Vice-Pres.: Frank A. Jones, Jr. Secretary: Eugene M. Gettel Treasurer: John L. Cowan ROCKET RESEARCH SOCIETY President: John Cook Vice-Pres.: James Hareligg Secretary: Duncan F. McDonnell Treasurer: Robert Favure PROPELLER CLUB Defunct RADIO SOCIETY Defunct SCABBARD AND BLADE Defunct SOCIETY OF AUTOMOTIVE ENGINEERS Chairman: Harvey S. Freeman SEDGWICK BIOLOGICAL SOCIETY Defunct SENIOR RING COMMITTEE Chairman: Edward S. Hill SENIOR WEEK COMMITTEE Chairman: Harold Thorkilson Secretary: Nicholas Mumford SOCIETY OF AMERICAN MILITARY ENGINEERS Defunct STUDENT-FACULTY COMMITTEE Chairman: David A. Trageser

TAU BETA PI President: Roderick L. Harris Vice-Pres.: Donald A. Buell Secretary: Richard L. McManus Treasurer: Isaay Stempnitzky Corresponding Secretary:

Daniel R. Vershbow

TECHNOLOGY CHRISTIAN ASSOCIATION

President: William F. Blitzer Vice-Pres.: Christopher G. Boland Secretary: John F. McCarthy Treasurer: Marshall Byer Manager, Boys' Work: Marvin Sparrow

TECH DEMOLAY CLUB Defunct

TECH ENGINEERING NEWS General Mgr.: John S. Howkins, Jr. Editor-in-Chief:

Richard B. Marsten Business Mgr.: Herbert R. Kaewert Advertising Mgr.: Russell K. Dostal

TECHNIQUE

General Mgr.: Alfred J. Oxenham Editor-in-Chief: Russell K. Dostal Business Mgr.: Kirk Drumheller

TECHNOLOGY SWIM CLUB Defunct

THE TECH

General Mgr.: Alan R. Gruber Editor: Dean Bedford, Jr. Managing Editor: Noel N. Coe Business Mgr.: Arthur Schiff

TRACK CLUB

President: Richard M. Poorman Vice-Pres.: Charles H. Goldie Sec.-Treas.: Martin J. Walzer

UNITY CLUB

Defunct

VOO DOO

General Mar.: James F. Brayton Business Mgr.: John F. Marr, Jr. Managing Editor: H. Paul Grant

WALKER MEMORIAL COMMITTEE

Chairman: S. James Goldstein

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HONORARY and PROFESSIONAL SOCIETIES

The four classes and the branches of engineering and scientific work sponsor the several honorary societies at Tech. For the most part, their members are chosen for outstanding achievements in the respective fields.

Alpha Chi Sigma Chemical fraternity

Alpha Phi Omega Scouting fraternity

Chi Epsilon Civil engineering fraternity Eta Kappa Nu Electrical engineering fraternity Sigma Xi Research fraternity

ing fraternity Tau Beta Pi Engineering fraternity Scabbard and Blade—Military Society

CLASS SOCIETIES

Quadrangle Club Sophomore society Beaver Club Beaver Key society Junior activities society Walker Club

Senior social club

Junior social society

Osiris—Senior Secret Society

ACTIVITIES CLUBS

Gridiron Combined publications Baton Musical clubs

SPORTS CLUBS

Track Club Varsity Club Wearers of straight T Tech Boat Club Tech Swim Club

Dorclan

Agenda

PROFESSIONAL SOCIETIES

DORM CLUBS

A great many courses at the Institute sponsor organizations open for membership to undergraduates. When you have finally decided upon the course you wish to follow, we strongly advise that you join its professional society.

Aeronautical Engineering Society Association of General Contractors of America American Institute of Chemical Engineers American Institute of Electrical Engineers American Institute of Mining and Metallurgical Engineers Army Ordnance (Advanced ROTC) Architectural Society American Society of Civil Engineers American Society of Mechanical Engineers Naval Architectural Society Society of Automotive Engineers

ATHLETIC PERSONNEL M.I.T.A.A.

President, Thomas A. Hewson Vice-President, S. James Goldstein Secretary, S. W. Moulton Treasurer, Edward J. Kelly Member-at-large, Daniel B. Carmody

SPORT BASKETBALL

CREW

COACH H. P. McCarthy

J. B. McMillin Pat Manning

MANAGER

Louis Barber Marshall Tulin

CROSS COUNTRYOscar Hedlund FENCING GOLF LACROSSE RIFLE SQUASH Jack Summers SWIMMING Gordon Smith TENNIS Jack Summers TRACK Oscar Hedlund Bob Bowie "Doc" Johnson

Martin Walzer George Lawrence Clifford Woods William Little Sheridan Ing Graham Condie John Hugus Ray Elmendorf

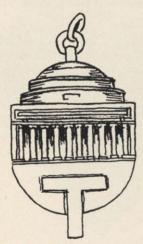
CAPTAIN

Douglas Watson Harold Thorkilsen

Richard Poorman

John McCarthy James F. Brayton Charles Stewart Roger Sonnabend William H. Peirce Nicholas Mumford Thomas Hewson Charles Goldie

Publicity Manager, Herbert Oedel Equipment Manager, Paoli Massaglia Equipment Asst., Robert Spoerl Asst. Treasurer, Donald R. Miller



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A ^N integral part of Tech life, athletics are important to the individual for the same reasons as are activities. When you arrive at



M. I. T., however, you will find the pre-war program of compulsory physical training suspended. For physical exercise, therefore, you are obliged to rely wholly on your own initiative to participate in some sport. To ignore completely all athletic activity, you may find your habits of sound, wholesome living impaired by inactivity.

The purpose of athletics at Technology is not to develop highly trained athletes, but rather to encourage students to participate in some form of physical recreation. No one can live by mind alone. A good engineer has a healthy body as well as a sound mind. It is not necessary that you be on the varsity in order to gain all that you can from the sport. It is also not necessary for you to have participated in that sport before, for there are sufficient provisions for instruction. Many of the men who achieve a position with the varsity teams at Technology began their efforts as novices.

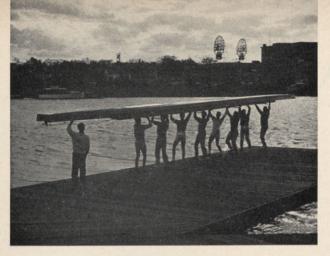
Since the Institute doesn't grant special concessions for athletics, the element of time requires that most sports be such that a large number of men need not be gathered to permit the



function of the sport. You will find, therefore, that you can fit athletics into your program as your academic schedule demands. Wholehearted participation in at least one sport will certainly benefit your stay at Tech.

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ATHLETICS



Up and Over!

ATHLETIC ASSOCIATION

T HE M. I. T. Athletic Association, commonly referred to as simply the "A.A.," is composed solely of undergraduate students and is in complete charge of the athletic program. Since this organization administers the work which in many colleges is handled by a paid athletic director, it definitely occupies a key position in the sports set-up at Tech.

The personnel of the A.A. is comprised of the Executive Committee, three members of which constitute the advisory counsel on athletics, the Publicity Manager, and the captains and managers of the recognized teams. The Executive Committee consists of five members: the President, the Vice-President, the Secretary, the Treasurer, and a Member-at-Large.

The general function of the Association is to promote and supervise athletic interests. As examples of several of the main duties of the body, the A.A. is responsible for budgeting the various varsity sports, is in charge of drawing up team schedules, and manages the equipment of the teams. The board has the power to rule on such decisions as arise, for instance, when efforts are being made to revive a sport after a temporary suspension.

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 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 Athletic Association into a working unit. The manager carries the responsibility of contacting other schools for engagements, arranging for transportation, meals, and lodging on out-of-town trips, and drawing up a financial budget for the season. He has a voice in all Athletic Association meetings, where he can report on his work and make suggestions for the improvements.

Men attracted to business management can exercise their talent in the A.A. treasury department. Sophomores are eligible for the position of Junior Assistant Treasurer, from which rank the Treasurer is annually selected. Responsible for all financial matters involving the M. I. T. A. A., the treasury department has now relieved the Budget Committee, a sub-group under the Institute Committee, of direct control of the sports budget.

Outside of the sports program under the jurisdiction of the A.A., there is at present no form of compulsory physical education for civilian students. The freshmen in the past have been required to take physical training, but the strain placed on Institute facilities by the Navy programs has necessitated the abandonment of compulsory training. The freshmen are urged especially, therefore, to participate in some sport on their own initiative in order to enjoy the recreation and physical training that complement scholastic endeavor.

Facing the Athletic Association at the present and in the near future is the task of reconversion to the pre-war program. The former bill of sixteen sports has been cut to about half size during the past three years. Signs of efforts to resume some sports, such as ice hockey, have already become manifest, so that it can be expected that within not too long a period the full athletic schedule will be instituted once more.



Runners Pound Track at Briggs Field

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 work-outs 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 handicap and interclass contests, in addition to an annual Freshman Competition, is scheduled. Cups and metals are awarded on the basis of performance.

Collegiate competition is planned for both the indoor and the outdoor seasons. Unlike in previous years freshmen are now permitted to compete on the varsity teams, thereby gaining added experience and the opportunity to take part in the more important meets.

The success of the Tech teams has contributed not a little to the popularity of the sport. During the past winter, for instance, the relay team created a record that should stand for many years when the two-mile relay team won both the National A. A. U. and Intercollegiate championship events in New York's Madison Square Garden.

The varsity sees action against many teams of the East, such as Brown, Tufts, Holy Cross, Northeastern, Bates, W. P. I., and Williams. 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, Massachusetts 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 Cortlandt Park in New York. Although finishing second in the New England Meet and fourth in the I. C. 4-A's, Tech last year was undefeated in dual matches, turning back Dartmouth, Tufts, and Coast Guard.

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

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 one of seven matches.

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.

SWIMMING

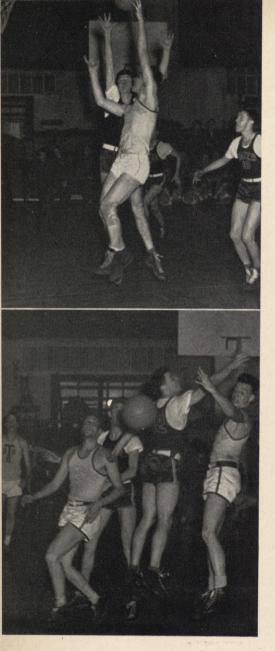
O PPORTUNITIES for swimming at M. I. T. are indeed excellent, for all students and others associated with the Institute are free to make use of the pool at almost all times, although reservation of the pool by the navy has somewhat curbed civilian liberties during the past two years. Built in 1939, the Alumni Pool, one of the most modern pools in the country, is twenty-five yards long, is excellently illuminated by virtue of a complete frontal exposure to daylight, and is provided with a spacious gallery. Special hours, generally in the evening, are set aside for recreational swimming for women, as well as for mixed swimming.

Swimming is one of the highlights of the varsity sports program. With a normal schedule of some eight or ten meets, the Tech varsity has stood well in New England competition throughout the years. Last winter's team emerged victorious in four of seven dual meets, triumphing over Bowdoin, Brown, R. P. I., and W. P. I., while succumbing to Williams, Wesleyan, and the Coast Guard Academy. 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.

Coach of the swimming team is Gordon Smith, who, besides directing the teams, offers lessons to nonswimmers and beginners in the off-season. Last spring Coach Smith conducted hour sessions, running from four to five o'clock, several times a week.

> Diving in the Alumni Pool





BASKETBALL

S TANDING with track and swimming as a principal winter sport, the basketball season extends from October through the middle of February. Intercollegiate play generally commences in the early part of December, as, for instance. last year's opener was played on December 12 against Boston University on the home floor, located on the third floor of Walker Memorial

During the past two seasons the varsity has been composed largely of V-12 students. Because of a general lack of material among civilian students, the freshman team of past years was not formed last season; freshmen, however, are eligible to compete in inter-

> Tech Plays Host to Bates in Walker Gym

collegiate circles as members of the varsity.

Although concrete plans for this year's schedule have not as yet materialized, signs from the previous war-time seasons promise that Tech will carry a normal program. Last year's team played some seventeen games, meeting Harvard, Tufts, Brown, Trinity, Worcester Polytech, Stevens, Bates, Boston U., and the Boston Coast Guard. Substitutes on the varsity, forming an improvised J. V., engaged in several contests last year, although no formal schedule was drawn up.

Athletic Director Henry P. McCarthy has perennially coached the varsity, and last year Chief Seman of the Navy assisted in the coaching duties.

Although no organized intra-mural basketball is sponsored by the school, teams representing various fraternities and the dormitory halls annually utilize the gymnasium for the Beaver Key Basketball Tournament, so that there is an opportunity to play basketball aside from being a member of the varsity. In hours when the gymnasium is not in use by the varsity or any other assigned group, it may be reserved by application to the Walker Memorial Committee, which is in charge of room and hall reservations in Walker Memorial.

GOLF

A FTER a year of suspension, golf was resumed once again this past spring. The season began after the first week in April with a match against the Naval Academy at Annapolis. During the last complete golf season, in 1943, the team met Boston University, Harvard, Brown, and Worcester Polytech.

SOCCER

O^N the solicitation of a number of the Latin American students the M. I. T. A. A. is planning once more to support a soccer team this fall. Since the enthusiasm and interest have been strong, a schedule of games with other schools and colleges in the vicinity has been arranged. Soccer was dropped as a recognized sport several years ago with the coming of the war.



CREW

T HE popularity of crew at Tech is attested by the liberal turnout of men which has appeared at the beginning of the past few seasons. Among the regular competitors that M. I. T. meets during the course of



Departure and Return

the season are Harvard, Navy, and Cornell. A crew event is always featured in Field Day competition, so that freshmen will have an opportunity to form a team and test their skill against the sophomores.

Crew this season is under the direction of a new mentor, James B. McMillin, who relieves Bob Moch. Coach McMillin was freshman coach at Tech four years ago and in 1936 was a member of the U. S. Olympic crew.

The M. I. T. Boat House is located on the Charles River about a mile southwest of the school. The practice season gets under way about the middle of January, with the first intercollegiate match coming toward the end of April. The campaign is generally concluded early in June. Besides the varsity crew the junior varsity, 150-lb. varsity, and freshman teams also customarily engage in intercollegiate contests.

SKIING

S KIING has long been an important recreational sport at M. I. T. Last year competitive skiing was reinstituted when the ski team was organized after an absence of two years from collegiate competition. The team, financially backed by the Institute Committee, engaged in five meets, and although handicapped by Naval restrictions and lack of practice, showed up favorably against such teams as Dartmouth and Middlebury.

Skiing opportunities and plans for the winter are explained and discussed at the special November ski meeting of the Outing Club, to which all skiiers and potential skiiers are invited.

LACROSSE

L ACROSSE is a relatively new sport at Tech, inasmuch as it was established only as far back as 1940. Last year's varsity, piloted by Coach Van Ummerson, played a nine-game schedule, running up against such opponents as Dartmouth, Stevens, and Tufts.

The lacrosse season extends from March until May. Newcomers are urged to participate even if they have had no previous experience in the game.

TENNIS

T HE tennis team, coached by Jack Summers, who also heads squash, is active throughout the spring and summer. Before intercollegiate play is under way, a tournament is staged in order to determine ten top men to form a tentative team; thus all participants are given the opportunity to display their ability.

Turning out five victories in seven matches, Tech last year engaged Harvard, Princeton, University of Pennsylvania, Bowdoin, and other theams. Freshmen are eligible for varsity competition, and should therefore make an effort to enter the tournament play to attain a berth with the team. **64** IN attaining its present position, the Massachusetts Institute of Technology has constantly kept before it three objectives—the education of men, the advancement of knowledge, and the rendering of service to industry and the nation." With these words, Karl T. Compton, President of the Institute, has de-



scribed the role which Technology is playing in the world of today. The first two of these objectives concern you men of the entering class most directly. For the carrying out of these aims, the Institute is very well equipped. Its engineering laboratories, particularly those of the departments of mechanical, metallurgical, electrical, and aeronautical engineering and of the department of physics, are unexcelled. Its faculty, including some of the best men in their fields, is likewise difficult to surpass. Its reference facilities, finally, include over 375,000 technical and non-technical volumes housed in seven libraries.

These materials are here for you to use for your benefit. It is essential, therefore, that you make the most possible use out of them. Always keep in mind that the more you get out of your courses at the Institute, the more you will be of use to society when you graduate. Knowledge is not something to be absorbed by a few highly selected individuals, but is something to be



passed on to others so that all may benefit from it. Here are the materials; use them to the best advantage.

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AT THE





View of the Great Court

TECHNOLOGY, 1861-1945

E ARLY in the nineteenth century the liberal arts college was at the apex of our general education system. The liberal arts college provided chiefly two things: a preparatory training for the learned professions and the accepted finishing school for gentlemen. Science was tolerated in the curriculum, but by no means rated as a "discipline" comparable to the Greek and Latin classics. Medicine, the ministry, and the law were distinctly gentlemen's careers. The approach to science was largely through medicine or through geology.

Alongside this older academic tradition was the new industrialism—born seventy-five years earlier with the growth of the factory system, the use of machinery, and the division of labor which was pressing forward eagerly and vigorously. As a result, America needed highly trained engineers and scientists whom the accepted academic system could not provide.

With a lively and prophetic vision of the part that science was capable of playing in the advancement of human welfare, William Barton Rogers planned and worked for nearly a decade prior to the Civil War for the establishment of a great technological institution. After many discouragements and delays he succeeded in getting the charter signed on April 10, 1861. School opened in the Mercantile Library building at 16 Summer Street, Boston, on Febrauary 20, 1865, with fifteen students and ten members of the staff. A tablet now marks the location. The first class graduated in December, 1868. Rogers, Technology's first president, inspired in his students high ideals of intellectual leadership and public service that have given continuing vitality to Technology and that have made it an institute of national and international influence.

The early years were difficult, particularly those in the late seventies, when the administration met month after month to decide whether to close down or to try to carry on for another month. The legislature had granted M. I. T. two-thirds of the block surrounded by Boylston, Clarendon, Newbury, and Berkeley Streets on conditions that it be used for educational purposes and that buildings cover not more than one-third of the surface. On this area Tech first built old Rogers, which was occupied in 1866. At that time it stood almost alone with no other buildings near it to the west or north. With the upswing of the seventies there soon came need for more room, which was met by the Walker Building beside old Rogers. This new building was named for Francis Amasa Walker, distinguished soldier, master of statistical method, and Tech's second president. His personal charm and indefatigable energy made many new friends for the Institute and drew students in redoubled numbers.

Still the housing of the new school was cramped and inadequate. The administration of Richard C. Maclaurin covered one of the most thrilling periods of Tech history, for it so capitalized Technology achievement that a flood of funds was drawn to the school and the doors were flung wide open. With the generous financial aid of the Alumni and the hard work and planning of Institute architects and engineers, Tech was able to move to its present site on the banks of the Charles. The move across the



Wright Wind Tunnel

river on the famous barge Bucentaur was made with much pomp and pageantry in 1916.

For many of our added buildings and improvements, we have to thank such fine men as George Eastman, Major

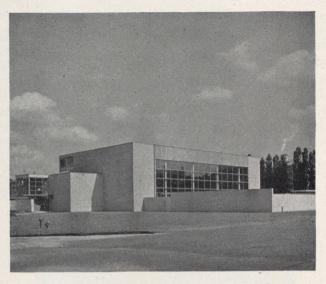
Frank Briggs, Prof. A. E. Burton, Henry S. Pritchett, and all of Technology's glorious presidents.

Technology graduates have entered every field of science, of the arts, of engineering. They have become heads of research laboratories; executives in industrial, building, transport, power enterprises of foremost rank; heads of important banking and investment institutions; professors in charge of departments at universities; college presidents; public servants for cities, states, and the nation. They have permeated the new technological America in the making and have contributed richly to practically every domain of private and public activity.

From the rented rooms in which it started with fifteen students, the Institute has grown until just before America entered the war it had a student body of over three thousand, including graduate students and Army and Navy trainees; a staff of over six hundred; a plant and endowments representing an investment of over \$50,000,000; and a living alumni body of 33,000. The original school of "industrial science" has grown into four schools: the School of Science, the School of Engineering, the School or Architecture, and the Graduate School, which together offer over nine hundred subjects. As Karl T. Compton, current President of the Institute has stated, "In attaining the present position, the Institute has constantly kept before it three objectives—the education of men, the advancement of knowledge, and the rendering of servic to industry and the nation." In a world in which science, engineering, and architecture are of basic importance, Technology offers professional, scientific, and humanistic training to fit its students as capable leaders. This is the M. I. T. which is our heritage and of which we are justly proud.



Van de Graff Generator



The Alumni Pool

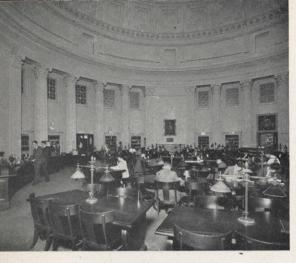
ALUMNI ASSOCIATION

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 41,000 students have become alumni. Of these over 6,000 are now deceased, over 2,000 are lost, and the remaining 33,000 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 \$50,000 for the benefit of Technology. It cooperates with over eighty Technology clubs in the United States and other countries and with nearly 200 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 Membeers on the MIT 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 \$11,027 for the current year. Students should get acquainted with the Alumni Office and make use of its facilities for supplying information and assistance.



PROF. CHARLES E. LOCKE Secretary, Alumni Association



Central Library

LIBRARIES

WILLIAM N. SEAVER Librarian

At M. I. T. you have the greatest facilities for gathering scientific and engineering knowledge. A great American engineer once said: "The most important part of an engi-

neer's education is not the massing of information but rather the knowledge of *where to find* the information that he needs in any situation that may arise." The largest library of its kind is at your disposal.

Central Library — Room 10-500

The Central Library is located under the dome of the central building. The library is modelled upon the Roman Pantheon; its diameter inside is 72 feet and its height 61.3 feet. It contains about 300,000 volumes and numerous periodicals on all subjects related to Institute courses and research, the entire collections in biology, chemical, electrical, and textile engineering.

Aeronautics Library-Room 33-211

The collection consists of about 9,000 books and periodicals on all branches of aviation and meteorology.

Arthur Rotch Library -Room 7-238

The Library of Architecture has 15,000 books on architecture, sculpture, painting, aesthetics, and city planning. There are also numerous photographs, portfolios, maps, and lantern slides.

Dewey Library — Room 5-330

In this library there are about 8,000 volumes on civil and mechanical engineering, building, and naval construction and 9,000 books on business subjects.

Eastman Library - Room 6-314

The Eastman Library contains 14,000 books on advanced chemistry, physics, and mathematics.

Lindgren Library — Room 8-304

The library has 15,000 books on geology, mining, metallurgy, electro-chemistry, and ceramics and about 5,000 maps.

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

The Vail library has 40,000 volumes on electrical engineering.

Walker Memorial Library - Walker Memorial, second floor

The library serves as a recreational library and as a source of background reading for courses in English, History, and General Studies. It includes about 15,000 volumes of fiction, biography, travel, current affairs, art, and music. Connected to it is a record library with about 2,000 classical records and facilities to play them.

HOURS

	Monday-Friday	Saturday
Central	8:45-9	9—4
Aero.	9—5	9—1
Arch.	9—5	9—1
Dewey	9—6	9—1
Eastman	8:50—9	8:50-4
Lindgren	9—5	9—1
Walker	8:45-9	8:45-6

Hours of closing on Saturday in branches may be changed to 12 noon during summer, 1945.

MUSEUMS

I N the main corridors of many of the M. I. T. buildings are exhibitions and collections particular to each department — geological specimens, airplane models, textiles, machinery, laboratory appara-



tus, glass-blowing apparatus, plastics, etc. There are also two museums, the Dard Hunter Paper Museum and the Francis Russell Hart Nautical Museum.

The Dard Hunter Paper Museum, under the care of Professor Harlan Turner, is in Room 7-321. It includes specimens of rare varieties of paper and paper-making equipment from all parts of the world. The walls of the museum are decorated with numerous Chinese, Korean, and Japanese screen papers with original wood-blocks from which they were printed. One of the more interesting exhibits is a scale model of a primitive paper mill in Indo-China. These mills, some still functioning today, have been in use for the past seven hundred years.

The Frnacis Russell Hart Nautical Museum is located in Room 5-124. The collection, started in 1916, contains several very detailed models of historic ships. Among them are Leif Ericson's Norse Trader, Columbus' Santa Maria, Christopher Jones' Mayflower, and Henry Hudson's Half Moon. These models were made by James Robertson Jack on a uniform scale of one quarter inch to the foot. Actual records of such ships are few, but Mr. Jack has done much research, particularly in England, and he hopes to complete the collection as time and conditions allow.

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CHURCH RELATIONS

I T is not the aim of the Technology Christian Association to be in itself a definite religious organization. As a service group, we endeavor to ally ourselves with all churches. The church relations department of the TCA functions in this field. There is posted on each Institute, dorm and fraternity bulletin board a calendar of the services at several nearby churches for the coming Sunday.

The church relations department is of further assistance to the student groups by helping them to meet the students of their faith, by obtaining faculty members to speak and, in general, by helping the churches come in contact with the student body.

You will in most cases be certain of finding a church of your denomination in the Boston district. While a list of these churches is prohibited here by lack of space, the TCA maintains such listings in its office, and we invite you to call at your earliest convenience and locate your home church.



TRINITY CHURCH



Copley Square

Rev. Theodore P. Ferris, D.D., Rector Rev. Gardiner H. Shattuck Rev. Walter H. Young (Telephone: Kenmore 5075

SUNDAY SERVICES

8:00 A.M. Holy Communion.
9:45 A.M. Holy Communion.
11:00 A.M. Morning Prayer and Sermon. (Holy Communion and Sermon on the first Sunday of the month.)

Young People's Activities (Open to students and young people October through May, time of meeting to be announced.

7:30 P.M. Evening Prayer and Sermon.

A Cordial Welcome is Extended to All Students

Mount Vernon Church of Boston

Beacon Street at Massachusetts Avenue (at the Boston end of the Harvard Bridge)

CARL HEATH KOPF, Minister

SUNDAYS

- 11 A. M. Morning Worship, with full Choir and sermmon by the Minister.
- 7:30 P. M. Young People's Society for students, working and service youth. This group has a large proportion of Tech men 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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University Lutheran Church

(The University Lutheran Association of Greater Boston) 66 WINTHROP STREET CAMBRIDGE

Between Dunster and Boylston near Harvard Square

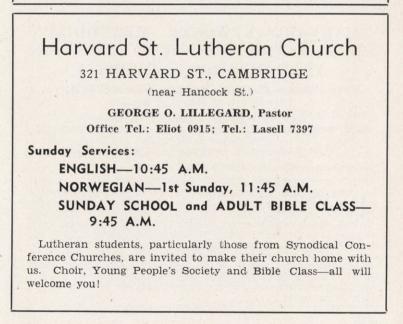
Edmund A. Steimle, Pastor

University Lutheran Church is a student church organized for the purpose of providing a student center for all Lutheran students in Greater Boston. A number of Tech men attended the services last year and took a leading part in the student program which includes Sunday evening supper-forums (supper followed by speaker, discussion and recreation), outings, choir, Bible Class, teaching in the Sunday School, and social contacts with students from most of the colleges and schools in Greater Boston. We look forward to meeting you.

Sunday Services

10:45 A.M. Morning Worship. 6:00 P.M. Supper-Forum for Students and Service-

Men.



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

READING ROOMS

8 Milk Street 84 Boylston Street, Little Building 60 Norway Street

HARVARD EPWORTH METHODIST CHURCH AND WESLEY FOUNDATION AT HARVARD UNIVERSITY

Massachusetts Avenue, Opposite Waterhouse Street Just North of Harvard Square

REV. HOBART F. GOEWEY, Minister REV. THEODORE R. BOWEN REV. C. MILO CONNICK Ministers to Students Paul G. Anderson, Organist and Choir Director

11:00 A. M.—Morning Worship and Sermon.

WESLEY FOUNDATION PROGRAM

The Wesley Foundation, operated by and for youth in this student center. is sponsored by the whole Methodist Church. Students, service personnel and young people, both men and women, are invited to make it their home. The program each Sunday is as follows: 11:00 A. M., Morning Worship; 5:30 P. M., Open House with Fellowship and Recreation; 6:30 P. M., Dine-a-Mite; 7:30 P. M., Evening Worship; 7:45 P. M., Speaker; 8:15 P. M., Discussion; 8:30 P. M., Refreshments and Social; 10:00 P. M., Friendship Circle. You will find this program the inspiration and renewal that are so necessary for creative Christian living today.

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First Baptist Church in Boston Commonwealth Avenue at Clarendon Street **REV. HARRY H. KRUENER. Minister** MR. JOHN A. MINER, Young People's Director **Telephone:** COMmonwealth 9119 REGULAR SUNDAY SERVICES 10.00 The Coffee Club: a Bible study group for young adults and students. 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.

Brookline Baptist Church

Coolidge Corner

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

The active Young People's group of the Brookline Baptist Church meets in the church every Sunday evening from 5:00 to 7:00. The short devotional period is followed by a planned program or an interesting speaker. Then the girls, most of whom come from Simmons, prepare a light supper of coffee and doughnuts or rolls. From time to time the group cooperates with the First Baptist Church in planning bowling parties, skating trips, dances, and other social events.

REGULAR SERVICES

9:45 A. M.—Everyman's Class.
11:00 A. M.—Morning Worship.
5:00 P. M.—Young People's Group.

CHURCH OF THE ADVENT

(Episcopal — All Seats Free) Corner Mt. Vernon and Brimmer Street

REV. WHITNEY HALE, D. D., Rector

SUNDAY SERVICES

Holy Communion Solemn Mass and Sermon Solemn Evensong and Sermon Young People's Fellowship 8.00 and 9.00 A. M. 11.00 A. M. 6.00 P. M. 7.00 P. M.

WEEKDAYS

Holy Commounion 7.45 A. M. Matins 7.30 A. M. Thursdays and Holy Days, Holy Communion 9.30 A. M. Confessions, Saturdays 5.00-6.00, 7.30-8.30 P. M. (and by appointment; office telephone, LAF, 8242)

The Episcopal Church of the Advent has been one of the pioneer parishes in the Catholic Movement of the Angelican 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.

KING'S CHAPEL

REV. PALFREY PERKINS, D.D., Minister

Sunday Service at 11 A.M.

Week Day Service, 12 M., Tuesday-Friday

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

order and beauty of religious worship with a liberal interpretation of the Christian Gospel. At noonday services throughout the year distinguished representatives of all denominations are guest preachers.

The Chapel Welcomes M.I.T. Men



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ARLINGTON STREET CHURCH

REV. DANA McLEAN GREELEY, Minister REV. SAMUEL A. ELIOT, D.D., Minister Emeritus REV. ROBERT L. ZOERHEIDE, Minister to Students

Sunday Morning Service 11 o'clock

Gannet Club (College Age Group) Sunday at 5:45 P.M.

Other Services and Social Activities as Announced

This Church at the corner of Arlington and Boylston Streets, Boston, opposite the Public Garden, is especially interested in young people's work. The varied program of the Gannett Club is designed to meet students' needs. The Church is affiliated with the Unitarian Fellowship, but aims to be non-sectarian and to serve all who profess a free faith.



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CONSTITUTION

ARTICLE I

Name of Organization

The name of this organization shall be the MASSACHUSETTS INSTITUTE OF TECHNOLOGY UNDERGRADUATE ASSOCIA-TION.

ARTICLE II

Purpose

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

ARTICLE III

Membership

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

ARTICLE IV

The Institute Committee

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

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

SECTION 3. On receipt of a petition presented in accordance with Section 2, the Institute Committee shall, within four days, issue a call for a general vote on the matter in question, the same being taken by written ballot not earlier than seven days nor later than fourteen days after the issue of such a call. Annulment of any act or decision of the Institute Committee shall require a two-thirds vote of the ballots cast.

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

Eudget Committee Elections Committee Student Faculty Committee Walker Memorial Committee MIT Athletic Association Dormitory Committee 5:15 Club Interfraternity Conference Technique The Tech Tech Engineering News Voo Doo Technology Christian Assn' Nautical Association Debating Society Musical Clubs

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SECTION 5. Any other recognized organization (as defined in Art. VIII, Sec. 1 of the By-Laws) now existing or hereafter duly organized by the undergraduates may, by two-thirds vote of the Institute Committee, be granted representation thereon. Any activity having a representative on the committee may, by a similar two-thirds vote be denied such a representation, provided notice of the proposed action of the committee shall have been given the members of that organization and full opportunity granted them to present arguments and reasons why such action should not be taken.

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

ARTICLE V

Organization of The Institute Committee

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

SECTION 2. The President of the Senior Class shall be the President of the Institute Committee, and the Chairman of the Budget Committee shall be the Treasurer of the Institute Committee. All other officers of the Committee shall be chosen annually by the Committee by written ballot.

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

ARTICLE VI

Amendments

Amendments to this Constitution may be recommended by the Institute Committee or by a petition of one hundred (100) members of the Association. Any amendments so recommended shall be submitted by the Institute Committee to the entire body for consideration by publication or posting of the proposed changes at least thirty (30) days before the day set for voting; two thirds of the votes cast shall be necessary to adopt the same, provided twenty-five (25) per cent of the total membership vote.

BY-LAWS INSTITUTE COMMITTEE

ARTICLE I

Name

The name of this organization shall be The Institute Committee.

ARTICLE II

Purpose

The function of this Committee shall be that provided in Article IV, Section 1, of the Constitution.

ARTICLE III

Membership

SECTION 1. The membership of the Institute Committee shall consist of:

a. Three representatives from each class: for the upper classes, one shall be the class president, the other two shall be members of the class elected at large by the class; for the Freshman Class there shall be three delegates from the Freshman Council elected by the Council.

b. One representative from each undergraduate organization to whom a seat has been granted, as hereinafter provided in Art. IX.

c. Those chairmen of the standing committees of the Institute Committee who are granted ex-officio membership on the Institute Committee, in accordance with the Constitution.

d. All elections of Class A activities shall be submitted to the Institute Committee for approval. All elections shall not be considered official until approved by the Institute Committee.

SECTION 2. Upon adjournment of the Institute Committee after its first meeting following the approval of class elections, the retiring committee shall be dissolved. The newly elected Senior Class President shall immediately convene the succeeding Institute Committee. Election of officers shall be the sole business of this first meeting. The retiring secretary shall act as secretary pro tempore.

SECTION 3.

a. The Institute Committee shall consist of two groups. One of these groups shall be seated in February at the second meeting This group shall consist of the following members: the representatives of Voo Doo, The Tech, T.E.N., TCA, 5:15 Club, Budget Committee, Elections Committee, Walker Memorial Committee, Musical Clubs.

b. Another group shall be seated at the first meeting following the approval of class elections. This group shall consist of the following members:

1. All officers elected from the classes and eligible to sit on the Institute Committee:

2. The representatives of: MITAA, IFC, Student Faculty Committee, Nautical Association, Dormitory Committee, Technique, Musical Clubs.

c. The delegates from the Freshman Class which shall take seat immediately after their election shall also be members on the Institute Committee.

SECTION 4. All vacancies in the Institute Committee shall be filled by the organization concerned in accordance with the constitution and by-laws of that organization. No person may become a member of the Institute Committee without submitting written credentials from the organization which he represents. In case the official representative of any organization cannot be present at a meeting of the Institute Committee, the Committee may, in the circumstances described in Article VII, seat a substitute who shall have written authorization signed by the absent member or by the organization which he represents.

ARTICLE IV

Officers

The officers and Executive Committee, as provided for in Article

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V, Section 1 and 2 of the Constitution, shall, with the exception of the Fresident, the Chairman of the Budget Committee, and the Chairman of the Walker Memorial Committee, be elected by written ballot at the first meeting, in accordance with Article III, Section 2, of these Ey-Laws.

ARTICLE V

Duties of Officers

SECTION 1. It shall be the duty of the President to preside at all meetings of the Institute Committee and of the Executive Committee.

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

SECTION 3. The Secretary shall keep all minutes and correspondence of the Institute Committee and shall send notices of all meetings to all members of the Committee. The Secretary shall further send a list of all elections and appointments that have been approved by the Institute Committee to the Walker Memorial Committee immediately after each meeting of the Institute Committee.

SECTION 4. The Treasurer shall be responsible for all moneys of the Institute Committee and all its sub-committees, and he shall receive and disburse all such moneys in accordance with the regulations of the Budget Committee. He shall act as sole depositor for all moneys belonging to the classes.

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

All activities named below must submit to the Executive Committee of the Institute Committee the names of the person or persons who are to hold positions listed below in said activities. Said names are to be submitted at least two weeks before public announcement. The Executive Committee is to have no power of approval or disapproval of the persons so named, but shall be furnished with such information about said persons as it desires. The Executive Committee shall regard all information, including the names of said persons, as extremely confidential and shall not enter any discussions or opinions of said persons into the minutes of the Executive Committee. This shall apply to the following activities and positions:

The Tech—General Manager, Managing Editor, Editor, Business Manager.

Voo Doo-General Manager, Business Manager, Managing Editor.

T.E.N.-General Manager, Business Manager, Editor.

Technique—General Manager, Business Manager, Editor-in-Chief.

Musical Clubs-General Manager, Concert Manager.

Nautical Association—Commodore, Vice-Commodore, Secretary, Treasurer.

Debating Society-President, Vice-President, Debate Manager.

ARTICLE VI

Meetings

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

SECTION 2. Special meetings may be called at any time by the President or by the Executive Committee. The President shall be required to call such meeting within three days after receiving the written request of ten members, the Institute Committee to be convened within five days of the date of the request.

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

> 1. Roll Call.

- Reading Minutes of Previous Meeting. Special Eusiness. 2.
- 3.
- 4. Reports of Standing Committees.
- 5 Reports of Other Committees.
- Old Business. 6.
- 7. New Business.

SECTION 4. The Walker Memorial Committee shall post the order of new business at the Institute Committee meeting on the Student Government bulletin board on the Tuesday preceding the meting until such time as THE TECH shall resume publication on Tuesdays. Motions shall be submitted to the Walker Memorial Committee on or before the Monday preceding the meeting.

SECTION 5. A quorum for the consideration of business shall consist of two-thirds the membership of the Institute Committee.

SECTION 6. Roberts' Rules of Order Revised shall cover all procedures of this Committee except those covered by the Constitution and By-Laws.

ARTICLE VII

Attendance

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

SECTION 2. A member of the Institute Committee must attend two out of three consecutive meetings in person: if he fails to do this he automatically loses his seat on the Committee. Proxies may be sent only under the following circumstances:

A member who is ill and out of school may send proxies for a. the period covered by his medical excuse, provided the medical excuse is shown to the secretary.

Members who participate in those intercollegiate sports at b. which attendance is essential and which conflict with Institute Committee meetings, may, if granted permission by a majority of the committee, send proxies for the duration of that sport.

c. If the representative of any activity cannot attend any Institute Committee meetings due to conflict with classes, the executive committee of that activity may appoint a permanent proxy for the term concerned.

A proxy must be a member of the organization which he represents and may vote on any issue.

A member who appoints a proxy is responsible for the attendance of that proxy.

If any unusual circumstances occur which prevent a member from attending a meeting in person, the Institute Committee may, by a three-quarters vote, excuse that absence.

SECTION 3. A representative to fill the vacant seat must be chosen by the organization in question and be approved by a two-

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thirds vote of the Institute Committee. The new representative may be another or the same person

ARTICLE VIII

Recognition

SECTION 1. Any organization appearing before the public as an MIT undergraduate organization must first be granted this privilege by a two-thirds vote of the Institute Committee. On condition that three days' notice has been given to all members of the Committee, this privilege may be withdrawn at any time by a similar vote providing the matter has been duly investigated and due notice has been given to the organization concerned. The constitutions of all such organizations shall be kept on file by the Walker Memorial Committee.

SECTION 2. Any organization desiring to be recognized as an MIT undergraduate organization must submit a copy of its constitution to the Institute Committee for approval. This constitution shall contain the following provisions:

Duties of the President. (a)

"The President, within the first month of his active term of office, shall review the copy of this constitution on file with the Walker Memorial Committee and certify as to its correctness."

Duties of the Secretary. (b)

"The Secretary shall transmit to the Walker Memorial Committee the names of all members elected or appointed to any office in the . . organization. This notification shall be made at the time such election or appointment becomes official." (c) Duties of the Treasurer.

"The Treasurer shall submit to the Budget Committee such financial reports as the Budget Committee shall request, and shall keep the Budget Committee informed of the financial condition of the ... organization at all times."

(d) Amendments.

"All amendments shall be submitted to the Institute Committee for approval, and shall not take effect until that approval has been granted.'

SECTION 3. The organizations so recognized are those classified as Class A or Class B activities in Article IV. Section 9, of the By-Laws governing the Budget Committee.

ARTICLE IX

Recognition of Class A Activities

SECTION 1. Any activity desiring Class A recognition must submit its constitution and a written summary of its qualifications for such recognition to the Institute Committee. If it is moved and seconded that such recognition be granted, the following procedure will be followed without the necessity for further motions:

(a) An investigating committee from the Institute Committee will be appointed by the chairman of the Institute Committee.

(b) The committee will examine the qualifications that activity with especial attention to: the aims of the organization and whether or not such aims are of sufficient enough importance to warrant Class A recognition; the degree of success of the organization in carrying out those aims: the number of students participating in the organization and the amount of work done by the average participant; the number of students who help in the management of the organization, as opposed to merely sharing its benefits; and the apparent future of the organization, including consideration of its progress or decline during the past five years.

(c) The committee, at the next regular meeting of the Institute Committee following the original motion, will report on its findings concerning each of the above points, and will make a definite recommendation to the Institute Committee on whether or not the activity should be given provisional Class A recognition.

(d) Following a discussion, the chair will call for a vote on the original motion. If a majority of members present favor recognition, the activity will be given provisional Class A recognition for one year. during which it will be given a seat on the Institute Committee.

SECTION 2. At the end of the year of provisional Class A recognition, the activity shall submit a written report of its activities during the year to the Institute Committee, and shall ask that a committee be appointed to examine the qualifications of the activity. The chair will then appoint such a committee. The committee shall re-examine all of the points covered by the original committee shall redition, shall investigate the improvement or decline in the activity in its year of provisional recognition. Class A recognition may be granted to the activity by approval of two-thirds of the members present. Failure of two-thirds to approve Class A recognition will automatically classify the activity as a Class B organization.

SECTION 3. In order to withdraw Class A recognition from an activity, for reasons other than financial, the following procedure shall be observed on the presentation to the Institute Committee of a motion for the withdrawal of such recognition:

(a) A committee shall be appointed with instructions to determine whether or not such action is justified, considering each of the points listed in Section 1 (b) of this article. The committee shall submit a report of its findings at the next regular meeting of the Institute Committee following the original motion.

(b) If two-thirds of those present vote to withdraw Class A recognition, the recognition is then withdrawn, and the activity becomes a Class B organization.

(c) If a simple majority, but less than two-thirds, of the members present vote to withdraw Class A recognition the activity is put on probation for one year; during the year it retains its Class A recognition and its seat on the Institute Committee. At the end of the probationary year, a committee will again review the condition of the activity. Upon a vote of two-thirds of the members present Class A recognition will be withdrawn from the activity in question.

ARTICLE X

Sub-Committees

SECTION 1. There shall be three classes of sub-committees of the Institute Committee: standing committees, special committees, and temporary committees. All of these shall submit formal reports except that the president of the Institute Committee may authorize temporary committees to submit informal reports. Reports of committees shall be submitted to the Institute Committee at its second meeting after the subcommittee has performed its function. The Senior Week Committee shall submit its report at the third meeting of the Institute Committee the following school year.

SECTION 2. Sub-Committees shall function as herein provided:

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

- 1. Budget Committee
- 2. Elections Committee
- 3. Walker Memorial Committee
- 4. Field Day Committee
- 5. Junior Prom Committee
- 6. Senior Week Committee
- 7. Student-Faculty Committee

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

(c) Temporary committees, which are appointed from time to time shall perform such duties as the Institute Committee specifies.

ARTICLE XI

Amendments

Changes in these By-Laws may be made by a vote of two-thirds of the members present at any meeting, providing that three days' notice of the proposed change has been given to all members of the Committee.

ARTICLE XII

Suspension

Suspension of these by-laws for the consideration of a question may be permitted by a three-quarters vote. The agenda may not be suspended for the consideration of a dance budget.

BUDGET COMMITTEE

ARTICLE 1

The name of this Committee shall be The Budget Committee.

ARTICLE II

The purpose of this Committee shall be to regulate the expenditures of all money received through the undergraduate dues, and to collect and permanently file financial reports of undergraduate activities as stated in Article IV, Section 5.

ARTICLE III

SECTION 1. This Committee shall consist of a Chairman, who shall be the ex-officio Treasurer of the Institute Committee, and two other members chosen from the Junior Class, and shall further consist of the Bursar of the Institute in an advisory capacity.

SECTION 2. The Chairman shall be a senior elected by the Executive Committee of the Institute Committee subject to the ratification of the Institute Committee. The election of the Chairman must be made at such time to enable him to take his seat on the Institute Committee by the second meeting in February as specified in Article III, Section 3 of the By-Laws. The two junior members of the Budget Committee shall be elected by the Executive Committee of the Institute Committee. Both Junior Members shall be elected subject to the ratification of the Institute Committee before the end of the second term of the school year.

ARTICLE IV

The duties of the Budget Committee shall be as follows:

1. It shall, at the third regular meeting of the Institute Committee in the fall term, present a budget covering the expenditures of the Institute Committee and of all its sub-committees.

2. It shall receive a budget at least two weeks before all expenditures from undergraduate organizations receiving money from the Undergraduate Dues.

3. It shall investigate all proposed expenditures of any undergraduate organization receiving money from the Undergraduate Dues, and approve or disapprove of this expenditure as it sees fit. No money nom the Undergraduate Dues shall be spent by undergraduates until such expenditures have been approved by the Eudget Committee. The Chairman of the Budget Committee shall pay no bill that has not been authorized by the Chairman of the Committee contracting the bill. A three-quarter vote of the Institute Committee shall be required for the approval of any dance budget over \$1,000 which has been approved by the Budget Committee.

4. It shall not allow the allocation of funds in any one year to any undergraduate activity in excess of two-thirds of that activity's expenses for the year in question.

5. To receive and permanently file financial reports of Group A and B activities at the end of the fiscal year of each, such annual reports to be received not later than the second meeting of the Institute Committee following the close of the fiscal year of each activity. The form of these reports is to be specified by the Chairman of the Budget Committee. If an auditor's report is made for an activity by a certified public accountant, the Budget Committee shall receive a copy of that report in place of the treasurer's report. A fine of five dollars (\$5) shall be imposed for each late report.

6. To receive and permanently file monthly operating statements and balance sheets from the Musical Clubs, TCA, Technique, T.E.N., The Tech, Voo Doo, 5:15 Club and Nautical Association. The form of these statements is to be specified by the Chairman of the Budget Committee. A fine of one dollar (\$1) shall be imposed for each report filed later than the fifteenth of the month following that for which it is compiled.

7. The annual dues for each organization coming under the jurisdiction of the Budget Committee shall be one dollar (\$1) payable January first, except for those organizations financed by the Undergraduate Dues which shall pay no dues to the Budget Committee. A fine of five dollars (\$5) shall be imposed for late payment of dues.

8. If any Class A activity shall become insolvent it shall be the duty of the Budget Committee Chairman to bring the activity up for a vote of confidence by the Institute Committee. A negative vote shall remove Class A recognition. Solvency shall be defined here as an excess of assets over liabilities as determined by a monthly or yearly statement. A trust fund or reserve fund may be included as an asset.

9. For the purpose of defining the groups of activities mentioned in Section 5, such grouping shall be as follows;

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Undergraduate Activities

CLASS A Nautical Association

The Institute Committee The Four Classes Combined Musical Clubs Dormitory Committee 5:15 Club

Interfraternity Conference MITAA

Debating Society

Voo Doo **Combined Professional Societies**

Technique

The Tech

Gridiron

Hillel Society

CLASS B Dramashop

Agenda Alpha Chi Sigma

American Institute of Chemical Eng.

American Institute of Electrical Eng.

American Institute of Mining Eng. and Metallurgy

American Society of Civil Eng.

American Society of Mechanical Eng.

Architectural Society

Ass'n of General Contractors of Physics Society America

Association of Women Students Beaver Key Society

Boat Club

Catholic Club

Chinese Students Club

Christian Science Organization Dorclan

Aeronautical Engineering Society Hexalpha Alpha Phi Omega Army Ordnance Association Benchmark Camera Club Chemical Society

Chi Epsilon

Eta Kappa Nu

Institute of Aeronautical Science Intervarsity Christian Fellowship Latin American Club M. I. T. East and West Association M.I.T. Outing Club Mathematics Society Naval Architectural Society

Technology Christian Association

Tech Engineering News

Hindustan Association

Osiris

Quadrangle Club

Rocket Research Society

Society of Automotive Engineers Tau Beta Pi

Tech International Club

Tech Swim Club

Track Club

Unity Club

INACTIVE DURING THE WAR

Propeller Club

Radio Society

Scabbard & Blade Society

Sedgewick Biological Society

Society of American Military Eng.

Tech DeMolay Club

II-A Society

ARTICLE V

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

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

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

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

ARTICLE VI

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

ELECTIONS COMMITTEE

ARTICLE I

Name

The name of this committee shall be The Elections Committee.

ARTICLE II

Purpose

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

ARTICLE III

Membership

SECTION 1. This committee shall consist of a chairman, three associate members, and ten assistant members. The chairman shall be a member of the incoming Senior Class at the time of his appointment to office, and shall be a member ex officio of The Insitute Committee throughout his term of office.

One of the associate members shall be the Secretary of the Institute Committee, who shall be a member ex officio of The Elections Committee. The other two associate members shall be members-atlarge of the incoming Senior Class at the time of their appointment.

The remainder of the committee shall consist of four assistants who are members of the Junior Class, and six assistant members to be chosen from the Sophomore Class.

SECTION 2. The chairman of The Elections Committee shall be elected annually by The Executive Committee of The Institute Committee, subject to the ratification of The Institute Committee, at the second meeting of that committee in February. He shall be selected from among the four Junior members of the Elections Committee who are already Junior assistants at the time (of this election).

The new chairman of the committee shall assume office immediately following his election, and shall become a member of the Institute Committee at its next regular meeting. He shall remain in office for one year, from the date of his election until his successor has been elected and approved at the second meeting of the Institute Committee in the following February, at which time he shall turn over his duties to the new chairman. The ex-chairman will continue to be a member of the Elections Committee in an advisory capacity only until he graduates from the Institute Committee, over to the new chairman at the second meeting of that Committee in February.

SECTION 3. If a new Secretary of the Institute Committee is elected by The Institute Committee in February, the new Secretary will automatically become an associate member ex officio of The Elections Committee, and the retiring Secretary will no longer be a member of The Elections Committee. The Secretary of the Institute Committee shall remain a member of the Elections Committee for as long, but only as long, as he is the Secretary of The Institute Committee.

The other two Associate members of The Elections Committee shall be appointed by the Retiring Chairman of The Elections Committee, subject to the approval of The Executive Committee of The Institute Committee and to the ratification of The Institute Committee, at the second meeting of that committee in February. They shall be chosen from among the three remaining Junior members of The Elections Committee who are already Junior assistants at the time of this election, after the new chairman of The Elections Committee has been elected. These two Associates shall continue to serve as active members of The Elections Committee for a term of one year, until their successors are appointed to replace them, after which they will serve The Elections Committee in an advisory capacity until their graduation from the Institute in June. The Junior who is not appointed as an associate or as chairman of the committee will be dropped at this time.

SECTION 4. The Four Junior Assistant members of The Elections Committee shall be selected by the (new) Chairman of The Elections Committee, subject to the approval of The Executive Committee of The Institute Committee and to the ratification of The Institute Committee, at the first meeting of that Committee follow-ing class elections in April. They shall be chosen from among the six Sophomore members of The Elections Committee who are already Sophomore Assistants at the time of this election. These four Junior Assistants shall continue to serve as assistant members of The Elections Committee until the second meeting of The Institute Committee in the following February, at which time one of them will be elected as chairman of The Elections Committee, two will be appointed as associate members of the committee, and one will be dropped from the committee. The two Sophmore assistant members of the committee who are not appointed as Junior Assistant members will be dropped from the Committee at this time.

SECTION 5. The Chairman of The Elections Committee shall hold a competition for Sophomore members of the committee, during the elections of members to the Senior Week and Junior Prom Committees in November. After these elections are complete, and the votes have been counted, the Junior members of The Elections Committee shall appoint six of the Sophomores to be Sophomore Assistant members of The Elections Committee, subject to the approval of the Chairman of The Elections Committee and to the ratification of The Institute Committee at the first meeting of that committee following the Senior Week and Junior Prom Committee elections.

SECTION 6. All extra appointments to the committee, which may be necessary to fill any vacancies that may occur in the membership of the committee, should be made by the chairman within a month after the vacancy first occurs. Such appointments will also be subject to the approval of The Executive Committee of The Institute Committee, and to the ratification of The Institute Committee at the following meeting of that committee.

ARTICLE IV

Duties

The duties of The Elections Committee shall be to conduct all elections and such other popular votes among The Undergraduate Association as may be necessary or expedient, in accordance with the rules hereinafter stated:

SECTION 1. The Elections Committee shall conduct the following regular annual elections:

1. Class officers and class member-at-large representatives to The Institute Committee.

- 2. Representatives to the Freshman Council.
- 3. The Junior Prom Committee.
- 4. The Senior Week Committee.

5. The Senior Class Day Marshals.

6. New members to The Beaver Key Society.

SECTION 2. The Elections Committee shall also conduct all popular votes that may be required on any referendum to the Undergraduate Association or on the initiative of The Undergraduate Association as directed by The Institute Committee. This will include the general vote of The Undergraduate Association, which are essential on any proposed amendment to the Student Constitution, as called for by The Institute Committee.

SECTION 3. All elections shall be held on the Wednesday immediately preceding the Thursday on which The Institute Committee is to hold one of its regular meetings. The date of the election and the date upon which the nominations are due shall be publicly announced two weeks before the day of the election. Voting regulations. the date and the place of the election, and a list of the nominees shall be printed in The TECH on the Friday preceding the day of election.

SECTION 4. The Elections Committee shall provide one standard printed nomination blank to each candidate for election. This blank shall provide space for thirty-five names. Nominations on any other forms shall not be accepted. Nomination papers must be deposited in a locked box provided for the purpose between the hours of 9 a.m. on the Wednesday and 1 p.m. on the Thursday immediately preceding the election or else they will not be accepted.

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

We. the undersigned members of the Class of

do hereby nominate for of our class.

Sponsor's signatures)

I hereby accept the nomination.

(Signature of the nominee

SECTION 6.

1. A person is eligible to be nominated by members of his own class only.

2. A person is eligible to be nominated to office in his own class only.

3. No individual may sign the nomination blank of more than one candidate for any one office.

4. No individual may sign the nomination blank of any candidate not in his class.

SECTION 7. Immediately following the deadline set for the acceptance of nomination papers. The Elections Committee shall assemble the nomination papers and check the eligibility of all the nominees and of all of the sponsors appearing on each paper, as specified by the eligibility rules set forth above.

The chairman of The Elections Committee shall then verify, personally, the acceptance of the nomination by each of the nominees. No nomination shall be entered on any ballot unless both the nominee and his sponsors have compiled with the eligibility rules governing nominations, nor until the willingness of the nominee to accept the nomination has been confirmed. The chairman of The Elections Committee shall keep the nomi-

The chairman of The Elections Committee shall keep the nomination papers of all nominees for one month after elections, and then destroy them.

SECTION 8. Nominees are requested, but not required, to sub-

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mit to The Elections Committee the following material along with their nominations:

1. Cumulative rating.

2. Activity record at M.I.T. (in tabular form).

3. A full face photograph of the standard dimensions, 4x5 inches

4x5 inches.

The residential group shall not be stated.

SECTION 9. The Chairman of The Elections Committee shall have the required number of ballots in his possession at least twentyfour hours before the opening of the poll. The ballots required for mailing shall be in the possession of the chairman by three p. m. on the Saturday preceding th day of election.

SECTION 10. In the annual spring elections, the ballots of each class shall be a separate color,

SECTION 11. The polls at every election shall be open from 8.30 a.m. until 5.20 p.m.

SECTION 12. All forms of electioneering at the polls shall be prohibited; and no recognized undergraduate activity shall engage in any form of electioneering.

SECTION 13. All class elections, Junior Prom Committee, Senior Week Committee, and Senior Class Marshals elections shall be by the preferential system of voting.

SECTION 14. Elections of representatives to The Freshman Council shall be held on the Wednsday of the third week of the first term, and again on the Wednesday of the second week of the second term.

Nominations shall be held two days in advance. Further nominations will be in order at the time of the elections.

Nominations shall be from the floor, no second or sponsors being required. Elections shall be by show of hands, eyes covered.

One representative is to be elected to the Council from each of the Freshman sections. The number of nominations may be unlimited. The man receiving the second highest number of votes in each section shall be named the alternate representative to the Council from that section. A majority of the members of the section must be present at the election to hold an election.

Each representative elected to the Council shall serve in that capacity for one term only.

SECTION 15. The annual Spring Class elections shall be held on the first. second or third Wednesday in April. The Senior Class Day Marshals and the new members of The Beaver Kev Society shall be elected at the same time as the class officers and the class member-at-large representatives to The Institute Committee. Three candidates are to be elected as Senior Class Day Marshals.

SECTION 16. The elections of members to The Junior Prom Committee and to The Senior Week Committee shall be held on the first Wednesday of November. Five candidates are to be elected to The Junior Prom Committee, and ten candidates are to be elected to The Senior Week Committee. The officers of the Senior Week Committee are to be chosen by the members of the committee after their election to the committee.

SECTION 16 (a). For the duration of the war the Elections Committee shall determine the time of all class elections. Junior Prom Committee and Senior Week Committee elections and the elections of the Senior Class Marshals and the Freshman Council, with the approval of the Institute Committee.

SECTION 17. For all class elections there shall be the signatures of twenty-five sponsors on the nomination papers, and no individual may sign the nomination blank of more than one candidate for any one office.

The nominations for Senior Class Day Marshals shall require the signatures of twenty-five sponsors on the nomination papers, and no individual may sign the nomination blank of more than three candidates.

For the election of The Junior Prom Committee, there shall be the signatures of twenty-five sponsors on the nomination papers, and no individual may sign the nomination blank of more than five candidates.

For the election of the Senior Week Committee, there shall be the signatures of twenty-five sponsors on the nomination papers, and no individual may sign the nomintaion blank of more than ten candidates.

SECTION 18. In the annual class election, there shall be noninations for the offices of President, Secretary-Treasurer, and Member of the Institute Committee. There shall be no nominations for the office of Vice-President, but the second man to receive a majority in the balloting for President shall be named Vice-President.

SECTION 19. All persons shall vote only with the class to which they are assigned by the Registrar, unless a written petition is sent to the Chairman of The Elections Committee requesting the right to vote with a class of which that person was previously a member. Evidence of the acceptance of such petition is given by permitting the person to vote in accordance with his desire as expressed in the petition. He then automatically becomes a member of the class with which he votes and may vote in no other class for the remainder of the school year.

SECTION 20. The voting for all elections shall be done in rooms designated by the Committee. One shall be the main lobby.

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

There shall be no voting by proxy.

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

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

SECTION 21. There shall be no counting of votes until after the close of the polls.

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The counting shall be done by all members of The Elections Committee who are not nominees in the election. In the annual spring elections the counting shall be done by The Elections Committee and such extra men as the Chairman shall deem necessary to complete the task within a reasonable time. None of the men counting votes shall be nominees in the election being counted. In case one of the Committee members is a nominee in an election, the Chairman shall be empowered to fill his place temporarily.

All men counting votes shall be on their honor not to divulge or intimate the results to any one regardless of his position until formal announcement of the results has been made to The Institute Committee except that the Chairman shall transmit the complete results of the elections to the President of the Senior Class as soon as the results are determined.

SECTION 22. The Chairman of the Elections Committee shall turn over to the Secretary of The Institute Committee all ballots after the results of an election have been announced and the votes recounted as provided in Article IV, Section 21. The Secretary of The Institute Committee shall keep them for one month and then destroy them. The stubs shall be kept by the Chairman of the Elections Committee for one month.

SECTION 23. The Chairman of The Elections Committee shall make a formal announcement of the results of all elections at the meeting of The Institute Committee on the day following the day of elections, except that in the case of protest, this announcement shall not be made until the elections have been adjudged legal.

SECTION 24. Any protests shall be presented to The Executive Committee which shall meet prior to the meeting of The Institute Committee on the day following the day of elections.

SECTION 25. The Chairman of The Elections Committee may make such additional rulings as shall not conflict with any part of the Constitution of the Undergraduate Association or its accompanying By-Laws.

SECTION 26. Candidates for office shall not be permitted to take active part in the work of The Elections Committee.

Voting

SECTION 27. The voter numbers his candidates in the order of his preference. He may number as many as he likes.

Counting by Preferential System

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

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

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

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

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

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

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

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

SECTION 20. Three candidates are to be elected as Class Day Marshals and ten candidates are to be elected to the Senior Week Committee.

SECTION 21. The officers of the Senior Week Committee are to be chosen by the members of the Committee after their election to it.

ARTICLE V

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

FIELD DAY COMMITTEE

ARTICLE I

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

ARTICLE II

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

ARTICLE III

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

ARTICLE IV

The committee shall hold its first meeting in May of the school year preceding the one in which it has jurisdiction over Field Day. The previous Field Day Manager shall attend this meeting.

ARTICLE V

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

"That in order to protect the good name of the undergraduate government, there shall be no parades or demonstration of any character off the Institute grounds, and that the President of the Institute be requested to support this decision by giving due notice that offenders render themselves liable to expulsion, and that the offenders shall be personally liable for any damages."

SENIOR WEEK COMMITTEE

ARTICLE I

The name of this committee shall be the Senior Week Committee. ARTICLE II

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

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ARTICLE III

SECTION 1. This committee shall consist of ten seniors elected by the Senior Class at a regular election conducted by the Elections Committee before the end of the fifth week of the Second Term. In addition to these members there shall be the following five members: the President, Secretary, and the Institute Committee representatives of the Senior Class; the preceding year's January member; and a new Junior member chosen as explained in Article IV, Section 1.

SECTION 2. This committee shall be a sub-committee of the Institute Committee and shall be responsible to it.

ARTICLE IV

SECTION 1. The newly elected Senior Week Committee shall elect a Junior Member to the committee at the first meeting, subject to the approval of the Institute Committee.

SECTION 2. The Junior Member shall further keep a record of the order of arrangement of all events, the attendance at each, and all printed material pertinent to Senior Week.

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

SECTION 5. The Junior Member shall submit a formal report at the third meeting of the Institute Committee in the fall. This report shall contain all budgets, incomes and expense records and a profit and loss statement. It shall also contain a detailed account of each function, minutes of all meetings of the Senior Week Committee and Executive Committee of the Senior Week Committee as well as copies of all the literature, announcements, tickets, etc., having to do with Senior Week.

SECTION 6. The Junior Member in his senior year shall automatically be a member of the Executive Committee of the Senior Week Committee, as well as in his junior year.

ARTICLE V

SECTION 1. The Executive Committee shall consist of the Chairman, Secretary, Member-at-Large; President of the Senior Class, last year's Junior Member and this year's Junior Member shall be ex-officio members.

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

ARTICLE VI

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

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

ARTICLE VII

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

ARTICLE VIII

SECTION 1. The committee shall borrow an amount not exceeding \$300.00 from the Class Treasury to be used as an operating fund.

SECTION 2. All members of the committee except the Junior Member, shall share evenly amongst themselves all debts remaining after the \$300 borrowed from the Class Treasury has been used.

STUDENT-FACULTY COMMITTEE

ARTICLE I

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

ARTICLE II

This committee shall consist of three seniors, three juniors, two sophomores, and one second-term freshman, who shall be chosen by the Executive Committee, subject to the approval of the Institute Committee, and seven Faculty members appointed by the President of the Institute.

ARTICLE III

This committee shall consider such constructive criticism on methods of instruction in individual subjects or courses as may be presented from time to time, promote cooperative relations between students and instructing staff, and make such suggestions to the proper authorities as may occur to it for the betterment of student welfare.

THE WALKER MEMORIAL COMMITTEE

ARTICLE I

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

ARTICLE II

SECTION 1. The purpose of this committee shall be to coordinate undergraduate extra-curricular activities of a non-athletic nature, and to administer all Institute facilities under its jurisdiction to the best interests of the Undergraduate Association.

ARTICLE III

SECTION 1. This committee shall consist of a Chairman and nine (9) associates. The Chairman shall be a member of the Senior Class and ex-officio a member of the Institute Committee and Executive Committee of the Institute Committee. The remainder of the committee shall consist of three (3) members of the Junior Class and six (6) of the Sophomore Class.

SECTION 2. Before the second meeting in February the Executive Committee of the Institute Committee shall élect for the coming year subject to the ratification of the Institute Committee, a chairman of the Walker Memorial committee. Three (3) members of the Sophomore Class who become Junior Members of the Walker Memorial Committee shall be similarly elected before the end of the spring term. SECTION 3. The Chairman of the Walker Memorial Committee shall hold a competition, normally at the beginning of the fall term for sophomore members for the Committee, at the end of which he shall appoint six (6) sophomores subject to the approval of the institute Committee.

ARTICLE IV

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

1. To administer the student facilities of the Walker Memorial Building and to enforce such house rules as are deemed necessary for its proper administration.

2. To regulate all undergraduate demonstrations and meetings conducted in the Institute buildings.

3. To require the complete plans for any social function in Walker Memorial to be submitted in writing one (1) week previous to date of function. This report must be signed by a responsible member of the organization sponsoring the function. Failure to comply with these regulations shall incur a fine of five dollars (\$5).

4. To levy a fine of one dollar (\$1) on any organization which holds a meeting in the Walker Memorial Building unauthorized by the walker Memorial Committee, and to refuse to approve the application for reservation of any room in Walker Memorial until this fine is paid.

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

ARTICLE V

The duties of the Walker Memorial Committee shall be as follows: 1. To procure from all organizations a list of coming events and

to prevent conflicts as far as possible.

2. To have published in The Tech a schedule of undergraduate events.

3. To have at least one member of the Committee present at each dance held in the building and at any other function where it seems advisable.

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

5. To enforce all rules relative to the use of the Walker Memorial Building.

6. To co-operate with the Dean, the Superintendent of Buildings and Power, and the Superintendent of Dining Service in every way possible for the proper administration of the Walker Memorial building.

7. To regulate all undergraduate demonstrations.

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

9. To be responsible for the appearance and use of all bulletin boards assigned to the use of the undergraduate body, and to prevent the use of these bulletin boards for commercial interests not connected with the Institute.

10. To assign all rooms of the Walker Memorial Building for the use of undergraduate activities.

11. To maintain a record of the officers of all activities, and to regulate and enforce the Points System.

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

13. To assure the responsibilities of collecting and filing reports of all sub-committees of the Institute Committee. It shall also keep on file up-to-date copies of all recognized activities' constitutions.

14. To post on the bulletin board in Building 7 a list of undergraduate events.

ARTICLE VI

1. The Walker Memorial Committee shall regulate and enforce the Points System in accordance with the regulations herein set forth, and in compliance with the directions and wishes of the Executive Committee of the Institute Committee.

2. The purpose of the Points System shall be, 1) to encourage participation in activities by affording recognition for endeavor in this line. To this end lists of high-point men shall be published in THE TECH from time to time. 2) to protect activities from having an executive whose other interests and duties demand too much time to allow him to competently hold his office, and 3) to curtail and limit in some measure an individual in the number of responsibilities he may accept in the effort to spread this responsibility, and prevent any one man from being imposed upon in demands on his time which he may not feel free to refuse.

3. The Walker Memorial Committee shall assign to all undergraduate activity positions and to all sports a set number of points for participation. Before the creation of new positions these shall be referred to the Walker Memorial Committee for an assignment of points, which shall subsequently be approved by the Executive Committee of the Institute Committee.

4. Point changes may only be made operative after the beginning of any individual's incumbency when they do not cause that individual to be over-pointed.

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

6. The Walker Memorial Committee shall at all times keep a current file and record of all persons competing in activities. and shall keep constant track of the points accrued to each man. In all cases where a man's election, appointment or acceptance of a position causes him to exceed his specified limit of points, that election, appointment or position shall automatically become void.

7. No senior, junior, sophomore or freshman shall carry a total of more than fifteen (15) points, except that members of varsity teams may carry five (5) additional points.

ARTICLE VII

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

JUNIOR PROM COMMITTEE

ARTICLE I

The name of this committee shall be he Junior Prom Committee.

ARTICLE II

The purpose of this committee shall be to plan and carry out the

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arrangements for the Junior Prom Weekend in the best interests of the Junior Class.

ARTICLE III

The members of this committee shall consist of the President and the Secretary-Treasurer of the Junior Class and five other members of the Junior Class as shall be elected in accordance with the By-Laws of the Elections Committee. The President of the Junior Class shall be the Chairman. Vacancies occuring within the committee shall be filled by the committee subject to the approval of the Institute Committee. It is suggested that any vacancies be filled by the unsuccessful candidates in the election.

ARTICLE IV

The Chairman of the Committee must present a budget of expenses to the Budget Committee for approval and supervision not less than four weeks before the date of the dance. He shall submit a formal report to the Institute Committee at the second meeting after the dance.

ARTICLE V

A three-quarter vote of the Institute Committee shall be required for the approval of any dance budget over \$1000 which has been approved by the Budget Committee.

ARTICLE VI

No member of the Junior Prom Committee may make a profit from the dance as individuals. Fifty per cent of any profit from the Junior Prom shall be turned over to the class treasury. The remainder shall be placed in a Junior Prom reserve fund to be administered by the Budget Committee.

ARTICLE VII

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

ARTICLE VIII

A bond of \$10 shall be required by each member of the Junior Prom Committee.

SENIOR RING COMMITTEE

ARTICLE I

The name of this committee shall be the Senior Ring Committee.

ARTICLE II

The purpose of this committee shall be to arrange for the purchase of Senior Rings.

ARTICLE III

The committee shall consist of a chairman and any other members as shall be deemed necessary.

The chairman shall be elected by a joint meeting of the Executive Committee of the Junior Class and the Institute Committee. Additional members may be appointed by the chairman.

All members must be approved by the Institute Committee.

ARTICLE IV

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

UNIFORM CLASS CONSTITUTION

ARTICLE I

ARTICLE II

SECTION 1. All persons who on entrance are classified by the Registrar of MIT as belonging to this class are members of this organization.

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

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

ARTICLE III

SECTION 1. Previous to the election of the Freshman Council, the Freshman Class shall be under the supervision of the Field Day Committee.

ARTICLE IV

SECTION 1. The officers of the class, with the exception of the Freshman Class, shall consist of a President, Vice-President, Secretary-Treasurer, and two delegates to the Institute Committee, all of whom shall constitute the Executive Committee of the class. These officers shall serve until the next general election of officers by the class.

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

ARTICLE V

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

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

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

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

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

ARTICLE VA

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

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

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

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

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

ARTICLE VI

SECTION 1. Class meetings shall be called by the President, Executive Committee, the Chairman of the Freshman Council, or by the written request to the President signed by thirty (30) members of the class.

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

ARTICLE VII

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

SECTION 2. The members of the Freshman Council shall be elected during the third week of the first term, and again during the second week of the second term. There shall be one man and an alternate elected from each section under the auspices of the Elections Committee.

ARTICLE VIII

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

ARTICLE IX

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

ARTICLE X

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

ARTICLE XI

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

ARTICLE XII

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

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

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

SECTION 3. The chairman of the Dance Committee must present a budget of expenses to the Budget Committee for approval and supervision not less than two weeks before the date of the dance. He shall also present to the Budget Committee a complete financial report not later than two weeks after the date of the dance.

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

ARTICLE XIII

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



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