T171
.M42h
.H847

Archives

HoToGAMIT

How To Get Around MIT — 1979

Edition 11
September 1979

Editor — Lars Toomre
Assitant Editor — Margaret Tsang
Assistants to the Editor — Jane Crall
Theresa Donovan
Lois Caroll
Photography — Hans Zappe and Lori Carmona
Composition — Steven Frann
Michael Taviss
Published by Technology Community Association
Typography — The Tech
Printed and Bound by Lew A. Cummings, Inc.
Manchester, N.H.
©1979 Technology Community Association

M.I.T. LIBRARIES
AUG 7 1979

Dedication:

There are obviously two educations. One should teach us how to make a living and the other how to live.

— James Adams

M.I.T. LIBRARIES
AUG 30 1979
RECEIVED

To aid you in using this book, black index markings have been added to indicate the location of each chapter. Refer to this page whenever you wish to find a certain section quickly.

HELPING HANDS

ACADEMICS

THINGS TO DO

HOUSING

RESTAURANTS

SHOPPING

ATHLETICS

MEDIA

GROUPS

TELEPHONES

SERVICES

FINANCIAL

TRAVEL AND TRANSPORTATION

LAW

APPENDICES

The Staff of HoToGAMIT 11

Editor-in-Chief—**Lars Toomre** Editor-in-Relief—**Margaret Tsang** Editor-in-Grief—Hamlet Editor-in-Motif—**Bill Dershowitz** Editor-in-Briefs—Farrah! Editor-in-Belief—**Jim McCormack** Editor-in-Fig Leaf—Eve Editor-in-Base—Larry Flint Editor-in-Grace—**Bill Butera** Editor-in-Place—George Dome Editor-in-Space—Mr.Spock Editor-in-Disgrace—**Rob Firester** Editor-in-Pace—Frank Shorter Editor-in-Race—Bill Rogers Editor-in-Lace—Cheryl Ladd Editor-in-Paine—Thomas Editor-in-Rain—Gene Kelly Editor-in-Profane—**Don Bender** Editor-Insane—Boston Strangler Editor-Inane(?)—Jerry Weisner Editor-to-Blame—**Dave Holt** Editor-after-game—Lee Gruber Editor-Down-the-Drain—Josephine Editor-Artistic—Picasso Editor-Sadistic—Charles Manson Editor-Masochistic—Boston Drivers Editor-Moralistic—**Steven Hoffberg** Editor-Hedonistic—Billy Graham Editor-Optimistic—**Jerry Marks** Editor-Inspector—Peter Sellers Editor-Protector—Campus Patrol Editor-Defector—Benedict Arnold Editor-Corrector—**Lois Carol** Editor-Hysterical—**Charles Lohse** Editor-Historical—**Steven Holzner** Editor Rhetorical—Wellesley College Editor-Terrific—**Debbie Morris** Editor-Horrific—Lobdell Chef Editor-Omniscient—C.A.P. Editor-in-Hell—Don Juan Editor-in-Taste—**Steve Pincus** Editor-in-Paste—Lars and Margaret Editor-in-Waste—Washington Editor-Inquisical—Judge Sirica Editor-Physical—Albert Einstein Editor-in-Chief—**Lars Toomre** Editor-in-Relief—**Margaret Tsang** Editor-in-Grief—Hamlet Editor-in-Motif—**Bill Dershowitz** Editor-in-Briefs—Farrah! Editor-in-Belief—**Jim McCormack** Editor-in-Fig Leaf—Eve Editor-in-Base—Larry Flint Editor-in-Grace—**Bill Butera** Editor-in-Place—George Dome Editor-in-Space—Mr.Spock Editor-in-Disgrace—**Rob Firester** Editor-in-Pace—Frank Shorter Editor-in-Race—Bill Rogers Editor-in-Lace—Cheryl Ladd Editor-in-Paine—Thomas Editor-in-Rain—Gene Kelly Editor-in-Profane—**Don Bender** Editor-Insane—Boston Strangler Editor-Inane(?)—Jerry Weisner Editor-to-Blame—**Dave Holt** Editor-after-game—Lee Gruber Editor-Down-the-Drain—Josephine Editor-Artistic—Picasso Editor-Sadistic—Charles Manson Editor-Masochistic—Boston Drivers Editor-Moralistic—**Steven Hoffberg** Editor-Hedonistic—Billy Graham Editor-Optimistic—**Jerry Marks** Editor-Inspector—Peter Sellers Editor-Protector—Campus Patrol Editor-Defector—Benedict Arnold Editor-Corrector—**Lois Carol** Editor-Hysterical—**Charles Lohse** Editor-Historical—**Steven Holzner** Editor Rhetorical—Wellesley College Editor-Terrific—**Debbie Morris** Editor-Horrific—Lobdell Chef Editor-Omniscient—C.A.P. Editor-in-Hell—Don Juan Editor-in-Taste—**Steve Pincus** Editor-in-Paste—Lars and Margaret Editor-in-Waste—Washington Editor-Inquisical—Judge Sirica Editor-Physical—Albert Einstein Editor-in-Chief—**Lars Toomre** Editor-in-Relief—**Margaret Tsang** Editor-in-Grief—Hamlet Editor-in-Motif—**Bill Dershowitz** Editor-in-Briefs—Farrah! Editor-in-Belief—**Jim McCormack** Editor-in-Fig Leaf—Eve Editor-in-Base—Larry Flint Editor-in-Grace—**Bill Butera** Editor-in-Place—George Dome Editor-in-Space—Mr.Spock Editor-in-Disgrace—**Rob Firester** Editor-in-Pace—Frank Shorter Editor-in-Race—Bill Rogers Editor-in-Lace—Cheryl Ladd Editor-in-Paine—Thomas Editor-in-Rain—Gene Kelly Editor-in-Profane—**Don Bender** Editor-Insane—Boston Strangler Editor-Inane(?)—Jerry Weisner Editor-to-Blame—**Dave Holt** Editor-after-game—Lee Gruber Editor-Down-the-Drain—Josephine Editor-Artistic—Picasso Editor-Sadistic—Charles Manson Editor-Masochistic—Boston Drivers Editor-Moralistic—**Steven Hoffberg** Editor-Hedonistic—Billy Graham Editor-Optimistic—**Jerry Marks** Editor-Inspector—Peter Sellers Editor-Protector—Campus Patrol Editor-Defector—Benedict Arnold Editor-Corrector—**Lois Carol** Editor-Hysterical—**Charles Lohse** Editor-Historical—**Steven Holzner** Editor Rhetorical—Wellesley College Editor-Terrific—**Debbie Morris** Editor-Horrific—Lobdell Chef Editor-Omniscient—C.A.P. Editor-in-Hell—Don Juan Editor-in-Taste—**Steve Pincus** Editor-in-Paste—Lars and Margaret Editor-in-Waste—Washington Editor-Inquisical—Judge Sirica Editor-Physical—Albert Einstein Editor-in-Chief—**Lars Toomre** Editor-in-Relief—**Margaret Tsang** Editor-in-Grief—Hamlet Editor-in-Motif—**Bill Dershowitz** Editor-in-Briefs—Farrah! Editor-in-Belief—**Jim McCormack** Editor-in-Fig Leaf—Eve Editor-in-Base—Larry Flint Editor-in-Grace—**Bill Butera** Editor-in-Place—George Dome Editor-in-Space—Mr.Spock Editor-in-Disgrace—**Rob Firester** Editor-in-Pace—Frank Shorter Editor-in-Race—Bill Rogers Editor-in-Lace—Cheryl Ladd Editor-in-Paine—Thomas Editor-in-Rain—Gene Kelly Editor-in-Profane—**Don Bender** Editor-Insane—Boston Strangler Editor-Inane(?)—Jerry Weisner Editor-to-Blame—**Dave Holt** Editor-after-game—Lee Gruber Editor-Down-the-Drain—Josephine Editor-Artistic—Picasso Editor-Sadistic—Charles Manson Editor-Masochistic—Boston Drivers Editor-Moralistic—**Steven Hoffberg** Editor-Hedonistic—Billy Graham Editor-Optimistic—**Jerry Marks** Editor-Inspector—Peter Sellers Editor-Protector—Campus Patrol Editor-Defector—Benedict Arnold Editor-Corrector—**Lois Carol** Editor-Hysterical—**Charles Lohse** Editor-Historical—**Steven Holzner** Editor Rhetorical—Wellesley College Editor-Terrific—**Debbie Morris** Editor-Horrific—Lobdell Chef Editor-Omniscient—C.A.P. Editor-in-Hell—Don Juan Editor-in-Taste—**Steve Pincus** Editor-in-Paste—Lars and Margaret Editor-in-Waste—Washington Editor-Inquisical—Judge Sirica Editor-Physical—Albert Einstein Editor-in-Chief—**Lars Toomre** Editor-in-Relief—**Margaret Tsang** Editor-in-Grief—Hamlet Editor-in-Motif—**Bill Dershowitz** Editor-in-Briefs—Farrah! Editor-in-Belief—**Jim McCormack** Editor-in-Fig Leaf—Eve Editor-in-Base—Larry Flint Editor-in-Grace—**Bill Butera** Editor-in-Place—George Dome Editor-in-Space—Mr.Spock Editor-in-Disgrace—**Rob Firester** Editor-in-Pace—Frank Shorter Editor-in-Race—Bill Rogers Editor-in-Lace—Cheryl Ladd Editor-in-Paine—Thomas Editor-in-Rain—Gene Kelly Editor-in-Profane—**Don Bender** Editor-Insane—Boston Strangler Editor-Inane(?)—Jerry Weisner Editor-to-Blame—**Dave Holt** Editor-after-game—Lee Gruber Editor-Down-the-Drain—Josephine Editor-Artistic—Picasso Editor-Sadistic—Charles Manson Editor-Masochistic—Boston Drivers Editor-Moralistic—**Steven Hoffberg** Editor-Hedonistic—Billy Graham Editor-Optimistic—**Jerry Marks** Editor-Inspector—Peter Sellers Editor-Protector—Campus Patrol Editor-Defector—Benedict Arnold Editor-Corrector—**Lois Carol** Editor-Hysterical—**Charles Lohse** Editor-Historical—**Steven Holzner** Editor Rhetorical—Wellesley College Editor-Terrific—**Debbie Morris** Editor-Horrific—Lobdell Chef Editor-Omniscient—C.A.P. Editor-in-Hell—Don Juan Editor-in-Taste—**Steve Pincus** Editor-in-Paste—Lars and Margaret Editor-in-Waste—Washington Editor-Inquisical—

Contents

Helping Hands — *Edited by Lars Toomre* **2**
Counseling 1
Sex 5

Academics — *Edited by Lars Toomre* **10**
Registration and Course Selection 7
Credits 7
Grades 10
Finals 12
Special Opportunities 13
Problems 18
Graduation and Degrees 21
After Graduation 23

Things To Do — *Edited by Debbie Morris* **29**
Resources 29
Sightseeing 30
Museums and Exhibitions 31
Theatre 34
Film 36
Music 36
Coffeehouses 41
Bars, Discos 43
Outdoor Recreation 44

Housing — *Edited by Margaret Tsang* **49**
Dormitories 50
Fraternities and Independent Living Groups 51
Moving between Modes 54
Student Law 55
Off-Campus Housing 55
Married and Graduate Students 57
Eating 57
Summer Residence 58

Restaurants — *Edited by Steve Pincus* **59**
Restaurant Index 59
Restaurant Descriptions 62
Restaurant Chains 76
Pizza 76
On Campus 77
Ice Cream Shops 78

Shopping — *Edited by Margaret Tsang* **79**
Shopping Districts 79
Department Stores 80
Alphabetical Listings 81

Athletics — *Edited by Susan Temple* **103**
People in Athletics 103
Athletic organizations 104
Athletic facilities 105
Team spirit 108
Spectator sports 113

Media — *Edited by Alan J. Wilson* **115**
Radio 115
Television 118
Newspapers 119

Groups — *NOT EDITED by Rob Firester* **121**
Academic/Honorary Societies 121
Children 121
Dance 122
Foreign Citizens 122
Handicapped People 124
Hobby Groups 125
Homosexuals 125
Music and Drama 126
Religious Groups 126
Service Organizations 129
Student Governments 130
Women 130
Loose Ends 132

Telephones — *Edited by Lars Toomre* **135**
Telephone Information 135
MIT Telephone Numbers 137
Outside Telephone Numbers 139
Fraternity Telephone Numbers 140

Services — *Edited by Lars Toomre* **143**
Libraries 143
Other Services 146
MIT Medical Services 150

Financial **155**
Paying the 'Tuting Piper 155
Financial Aid 155
Work 157
Money 162
Insurance 165

Travel and Transportation — *Edited by Susan Temple* **169**
Maps 170
Walking 172
Mass Transit 172
Taxis 176
Bicycles and Motorcycles 176
Automobiles 179
Long Distance Travel 184

Law **188**
Institute Law 188
Outside Law 189

Appendices **194**
Appendix 1: Lexicon — *Edited by Margaret Tsang* 194
Appendix 2: Miscellaneous 207
Appendix 3: MIT Songs — *Edited by Lars Toomre* 212
Appendix 4: Local Colleges — *Edited by Steven Hoffberg* 220
Appendix 5: MIT History — *Edited by Steve Holzner* 227
Appendix 6: MIT Publications 230

Index **238**

Advertising Index **241**

Emergency Information

FIRE, MEDICAL, POLICE

Call x100 or dl100. Your call goes to Campus Patrol, who can transport you to the Medical Department. Emergency medical care after office hours is available at the Infirmary (W5,betweenMcCormick&Baker). Ambulance Service is available from Campus Patrol 24 hours a day. If you are not in dormline/centrex system, dial 911 for help.

PHYSICIAN, SURGEON, PSYCHIATRIST

The Medical Department (Building 11,x3-4481 or 3-4485) always has a physician, a surgeon and a psychiatrist on call. The psychiatrist especially can be consulted in confidence about anything from home troubles to a bad trip.

ARREST

If you are arrested, call Campus Patrol (253-2996, or x3-2996. Lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Patrol will help the students seeking release from custody on the student's personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — just ask for a "continuance." (Campus Patrol will explain this and more if you call.)

DEAN-ON-CALL

There is always a dean on call, even after office hours. To reach him for any reason call Campus Patrol (253-2996, or x3-2996) and ask for the Dean-on-Call.

MONEY

During Office Hours

Undergrads: Go the Financial Aid Office (5-119,x3-4974) to request a loan (which may be approved within a few minutes). Then go the Student Accounts Office (E19-215,x3-4133,open9-5), and finally to the Cashier's Office (10-180,open9-3).

Alternatively, you can start at the Dean's Office (5-104,x3-4861 or 7-133,x3-6776).

Grads: You can get an advance on your fellowship money if necessary; go to the Graduate School Office (3-136,x3-4860). If you are not on fellowship or need a loan, use the procedure described above for undergraduates.

After Hours

Contact the Dean-on-Call (see above), who can clear you for money from the Campus Patrol emergency fund. If you're off campus the money may even be wired to you.

PHYSICAL PLANT

Call x3-4948 (F-IXIT) anytime for problems, from electrical failure to floods.

MIT Geography

The MIT campus is quite compact and often confusing to navigate. If you're new to the place you could try walking around and getting lost once or twice, or you could take an Information Office tour. Tours are given at 10am and 2pm. For details, call the Office (7-121,x3-4795).

For the official explanation of the room and building numbering system, see the map on the next page.

Doors

The doors of Builings 7, 8, 16, 39, and Student Center are alwàys unlocked. Generally the doors to Builings 13, 14, 24, 56, Kresge Auditorium and the chapel are kept open until 11pm.

Bathrooms

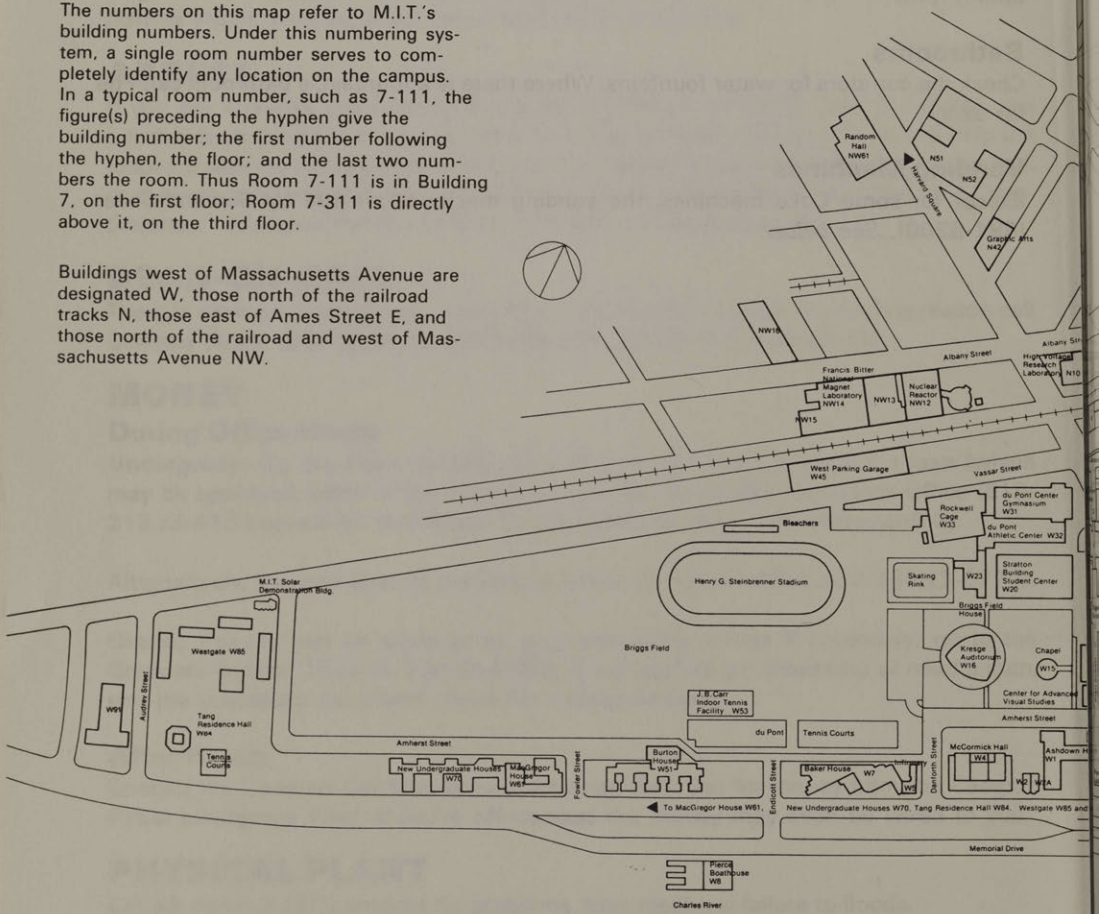
Check the corridors for water fountains. Where there is a fountain, a bathroom can't be far away.

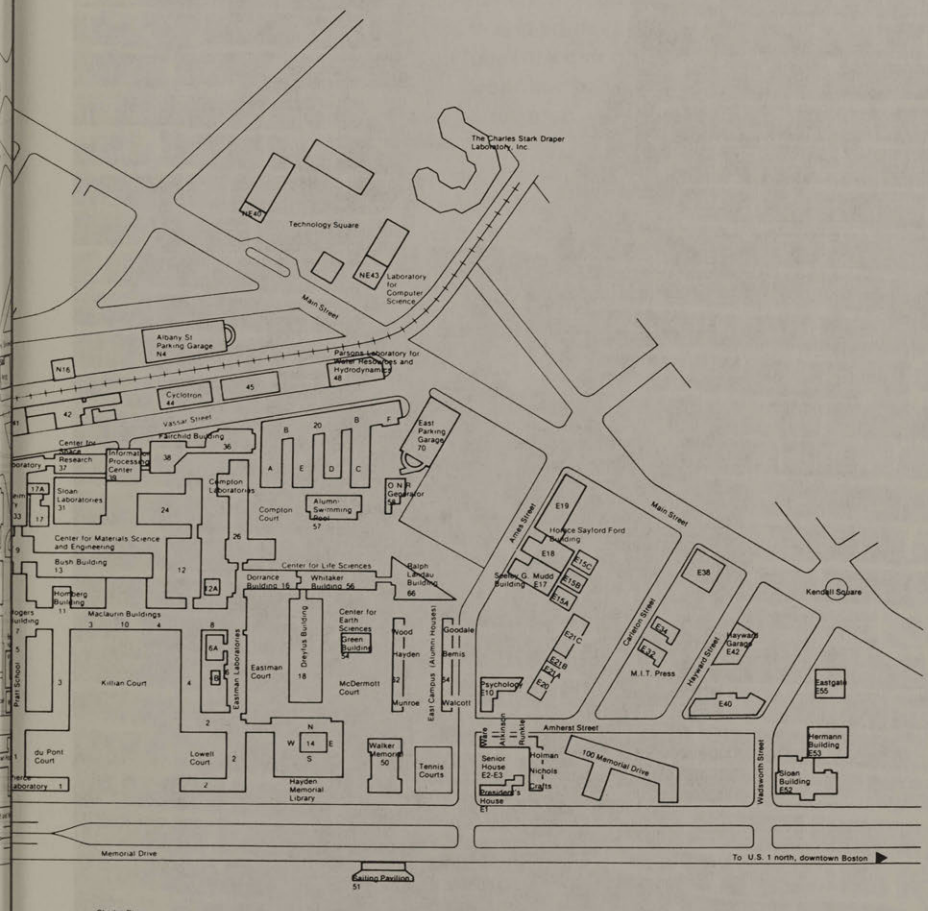
Vending Machines

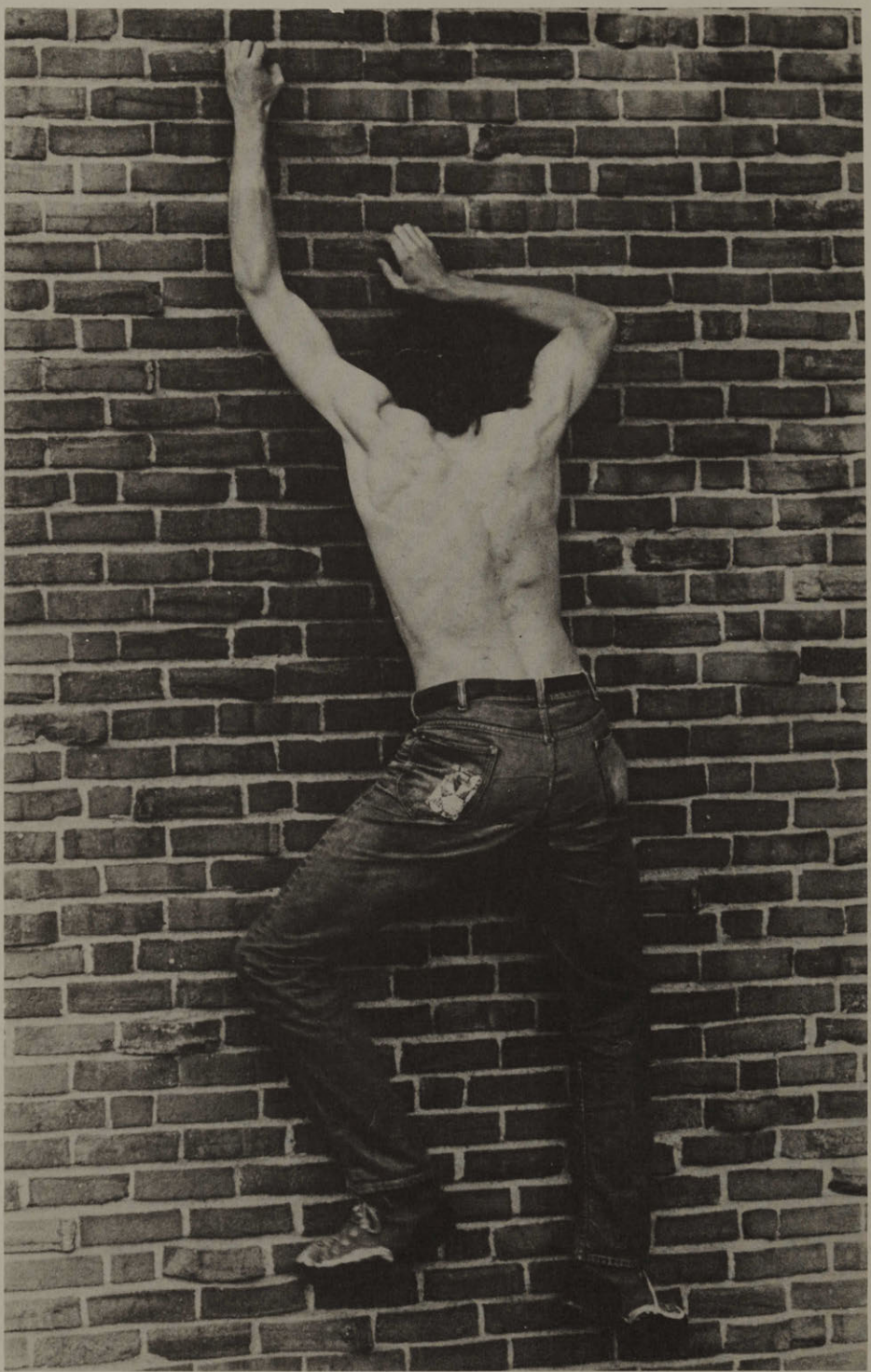
Except for some Coke machines, the vending machines are run by Servend-Seiler (891-6200). *See below.*

The numbers on this map refer to M.I.T.'s building numbers. Under this numbering system, a single room number serves to completely identify any location on the campus. In a typical room number, such as 7-111, the figure(s) preceding the hyphen give the building number; the first number following the hyphen, the floor; and the last two numbers the room. Thus Room 7-111 is in Building 7, on the first floor; Room 7-311 is directly above it, on the third floor.

Buildings west of Massachusetts Avenue are designated W, those north of the railroad tracks N, those east of Ames Street E, and those north of the railroad and west of Massachusetts Avenue NW.




The Charles Stark Draper Laboratory, Inc.
Technology Square
NE43
Laboratory for Computer Science
Main Street
Albany St Parking Garage N4
N16
Parsons Laboratory for Water Resources and Hydrodynamics 48
Cyclotron 44
45
42
Vassar Street
Center for Space Research 37
Fairchild Building 36
Information Processing Center 39
38
17A
Sloan Laboratories 31
17
24
Compton Laboratories
Compton Court
Alumni Swimming Pool 57
B 20 B F
A E D C
East Parking Garage 70
O N R Generator 54
Amherst Street
E19
Horace Sayford Ford Building
E18
E15C
E15B
E15A
Sidney G. Mudd Building E17
E38
Kendall Square
Center for Materials Science and Engineering
Bush Building 13
Hornberg Building 11
Maclaurin Buildings 3 10 4
26
12
22A
Dorrance Building 16
Center for Life Sciences
Whitaker Building 56
Ralph Landau Building 66
Carleton Street
E23
E32
E34
E33
E18
E51
E52
E51A
E50
M.I.T. Press
Harvard Street
Haywood Garage E42
E40
Eastgate 556
Rogers Building 9
Plant School
Killian Court 3 4
8
8A
Eastman Laboratories
Eastman Court
Drexel Building 18
Center for Earth Sciences Green Building 54
Wood
Hayden
Munroe
McDermott Court
East Campus (Alumni Houses)
Goodale
Bemis
34
Walcott
Psychology E10
Amherst Street
Hermann Building E53
Sloan Building E52
Wadsworth Street
du Pont Court
Laboratory 1
Lowell Court 2
Hayden Memorial Library
N 14 W E S
Walker Memorial 50
Tennis Courts
White
Ashdown
Burnham
Senior House E2-E3
Holman
Nichols
Crafts
100 Memorial Drive
President's House E1
Memorial Drive
To U.S. 1 north, downtown Boston
Sailing Pavilion 51
Charles River



Helping Hands

Some time during your stay at MIT, you will come across a problem that requires help. The Institute as well as the Boston/Cambridge community can provide many resources. There are numerous places to go and people with whom to talk when things go badly or merely aren't going at all.

Dean for Student Affairs

If you are faced with a serious question, or a have a problem, or even a small question, the office of the Deans for Student Affairs is a good place to go. The Deans have an extensive knowledge of both the Institute and student problems. All of the Deans are willing to talk with students; that's their job. They can direct you to helping resources, relay comments or complaints to the appropriate people or initiate investigation of (and sometimes change of) established policies on your behalf.

The Dean's Office is concerned with the student's living and learning environment, represents the interests and welfare of students and is concerned with the growth of students both as individuals and as members of the academic community. It is the purpose of the Dean's Office to support and to complement the academic program of M.I.T.

To carry out its responsibilities, the Dean's Office was reorganized during the summer of 1979 into four principal sections: The Undergraduate Academic Support Office, Student Assistance Services (including the International Students Office), Student Activities and Residence Programs. Although the staff of each section work primarily in their respective areas, feel free to talk with any of them. It is likely, though, that you will get greater satisfaction from a Dean whose duties or interest match your problem.

Below is a more detailed listing of the services available in the Office of the Dean for Student Affairs, followed by a brief description:

Undergraduate Academic Support Office:
Freshman Advising
Undergraduate Seminars
Preprofessional Advising
Undesignated Sophomore Advising
Support to the Committee on Academic Performance

Student Assistance Services:
Student Counseling
International Students' Advisor
Support to Minority Students
Support to Women Students

Undergraduate Academic Support Office

In general, academic advising at M.I.T. is a concern of all faculty members. In the freshman year, there are approximately 250 freshman advisors who take on a special responsibility to advise first year students. Later, once one has chosen a major one becomes associated with department advisors and a departmental undergraduate office. The Undergraduate Academic Support Office supports the academic advisors, faculty and departmental undergraduate offices by serving as an academic information center and also by undertaking surveys, studies and other projects in support of the academic program.

Student Assistance Services

The staff in this section assist both undergraduate and graduate students with a wide range of issues. The principal function of the office is to provide individual personal counseling services. International students, women, minority groups, and handicapped students also receive special assistance from this section of the Dean's Office in their respective programs and concerns.

Students call and visit the *Student Counseling* service to talk about their academic, administrative, career, financial, family, residential, social, legal, and personal questions, plans, and problems. The staff of this office maintain close working relations with the medical psychiatric service and with Nightline, the student-run peer help program. The counseliong staff handles withdrawals, readmissions, light academic loads, and excused absences from final examinations. Students are often referred to the counseling staff by their instructors, advisors, housemasters, and by fellow students. Because the Counseling staff meet with the Committee on Academic Performance, and have a cooperative relationship with the many Institute Offices, including Student Financial Aid, Student Accounts, Registrar, and the Medical Department, many students find it helpful to discuss with the Counselors issues involving these others groups.

The Student Assistance section has special concerns for minority students, for women students and for international students. It endeavors to enrich the social and educational experiences of *minority students* by providing assistance in organizing social and cultural events and special interest groups as well as by providing individual and group counseling and other support services. The goal is to foster awareness of racial, ethnic, and cultural diversity throughout the Institute, to increase positive social encounters between students and faculty, and to assist students in their learning and living experience.

This section also supports the academic and personal well-being of *women students* by developing and coordinating specific programs and by responding to the concerns of individual underegraduate and graduate women students. Its goal is to help ensure that the M.I.T. environment will be supportive of women students and attractive to prospective women students.

The *International Students Office* helps to coordiante programs and activities, provides support to various international student organizations, assists international students in

matters relating to their immigration status, and provides support for the Host Family program, voluntarily run by the M.I.T. Women's League. International students should consult with a member of the staff before taking any action which may affect their status in the United States.

The International Students Office also supports orientation activities for graduate international students. In addition to the support provided by this office, Ms. Charlotte Schwartz, Sociologist in the Medical Department (12-127,x3-2916) will be glad to provide assistance or information to international students.

Student Activities

This section provides support to the undergraduate and graduate student governments and to a wide spectrum of extracurricular activities. These many student initiated programs provide a wide variety of experiences which supplement academic learning and provide opportunities for recreation, leadership, and service. Contact this office for: Kresge, Chapel, Student Center and Walker scheduling; information about activity formation, space and budgets; residential student parking; and transfer student orientation.

Residence Programs

The residence program endeavors to create a living environment which facilitates personal and social growth and supports academic progress. This is accomplished by policies and programs which seek to provide housing of high quality and to encourage responsible and constructive social behavior. The governance of life in the dormitories and fraternities, within the broadest latitude set by Institute policy, is left to the decison of the student residents.

The staff in the Residence section of the Dean's Office administers Institute housing policy and coordinates the residential programs: advising fraternities, Interfraternity Conference, Institute House governments and Dormitory Council; making dormitory assignments; rent charges and adjustments; supporting the Faculty and Graduate Resident Program; counseling individual students on housing availability and options and problems related to dormitories or fraternities; and working with residential government groups on programs, problems, and issues of concern to the students.

Note 1: The secretaries in this office also know a tremendous amount about M.I.T. By speaking with one of them first, you will probably save a lot of running around.

Note 2: Since the Deans participate regularly in the Committee on Academic Performance meetings, it may be advantageous to talk to them about any petitions or other matters concerning you that would be before the Committee. One of the Deans can help the committee to understand your petition and the issues behind it.

The error of youth is to believe that intelligence is a substitute for experience, while the error of age is to believe that experience is a substitute for intelligence.

— Lyman Bryson

Don't let anybody kid you. M.I.T. is run by the secretaries.

— Anonymous

Drug Counseling

The Dean's office (5-104,x3-4861) offer completely confidential drug counseling. To supplement their services, the Science Library maintains technical reports on drug safety, while the Campus Patrol (W31,x3-2966) is always available to answer legal questions.

1. **Adverse Reactions:** In an emergency, call the Infirmary at x3-4485 — the psychiatrist on call will go over if possible. Campus Patrol will also provide help (restraint, transportation, reassurance), if called. *In any case, make sure the person in trouble is never left alone — doing so may cost his/her life.* For most cases, overnight care may be given at the Infirmary without formal hospitalization.

2. **Addiction:** Don't worry about legal penalties, since the addiction is penalty enough. See the Deans and break the habit. Remember that psychiatric records are completely confidential.

In the Institute lamp of learning
Ever wonder what they're burning?

— Anonymous

"No smoking. As long as the computers in this room cooperate, please do also."
— sign on a PDP-6

Nightline

Nightline is a new service on the MIT campus — a student-run peer help service. Operating every night from 7pm to 7am, the number to call is 253-7840. (From a dormphone, dial 2-3-7840.) As soon as renovations are completed, Nightline will be a drop-in center as well — details will be announced in *The Tech.*

Nightline is both a counseling and an information service. If you're having problems with academics or your roommate; if you need information concerning birth control or drop date; or it you just need somebody to talk to, give a call. *All phone calls and visits to Nightline are strictly confidential.*

Nightline is staffed exclusively by MIT students; each night, there will be at least one female and one male staffer on duty. The staff members are volunteers, and they are *not* professionals — thus, Nightline is not a substitute for other counseling services on campus, but rather a supplementary service for students who may need someone to talk with when these other outlets are inaccessible or inappropriate.

Psychiatrists

The Institute psychiatrists (12-127,x3-2916) are very good people to talk with. Whether you have problems (*any* problems), opinions on some subject, an idea you want to run up a flagpole, or just want to see what makes them tick, invite one to your living group for dinner, or go see them.

There are about twelve doctors on the staff, and as with the deans, your best bet in selecting a particular one is to match your problem to his or her interests. If you really need someone to talk to immediately, you can almost always find a psychiatrist who can give you several minutes between appointments.

Note 1: Most of the people who consult the psychiatric staff are psychologically indistinguishable from the general MIT population, and can *in no way* be classified as sick or disturbed. If some problem is bothering you, even if it is identical with those that everyone else faces, don't hesitate to visit the psychiatric staff. They can keep small difficulties from becoming larger, or merely facilitate the solving of problems you could have solved yourself. Any stigma attached to visiting them is entirely your own creation.

Note 2: Psychiatric records are kept separate from all others, including regular Medical Department records. The system is designed to maintain their confidentiality. Only the psychiatric staff can use them; not Wiesner, not the FBI, not the CIA, not *anybody*. They are totally destroyed after five years of noncontact — you never even visited there. This system protects patient and doctor alike.

Note 3: If for any reason you don't hit it off with one psychiatrist you can switch without apology or explanation. Nobody will look askance.

Religious Counselors

Religious Counselors are warm and friendly people who can help you view your problems from a different angle. A number of faiths maintain full time clergymen on campus, at the Religious Counselors' building (W2a,312MemorialDr) Adherents of other faiths can usually find clergy in the Boston Area. See **Religion** in the **Groups** chapter for more information.

The following religious groups maintain clergy on campus:

Christian Science (part-time)	Anne Harkless	x3-2327
Episcopalian	Scott Paradise	x3-2983
Jewish	Dan Shevitz	x3-2982
Lutheran (part-time)	Jessica Crist	x3-2325
Protestant United Ministry (part-time)	Steve Henderson	x3-2327
Roman Catholic	Robert Moran	x3-2981
Vedanta Society (part-time)	Swami Sarvagatanda	536-5320

Sex

The MIT Medical Department has published an information booklet on sex and birth control called *Sex.* For copies check with the Department or the Dean for Student Affairs Office (7-133,x3-6776). Also, the Medical Department has several pamphlets dealing with special topics. Stop by and browse.

Abortion

If you are considering terminating a pregnancy, see a physician, a psychiatrist, or the social workers. Talk to the religious counselors if you think that will help. You might also speak with Planned Parenthood (93UnionStNewtonCenter,332-8750). Checking with all available resouces is normally the best course.

Never opt for an illegal abortion — unless you like playing Russian Roulette with five cylinders loaded. The Supreme Court decision legalizing abortion during the first six

months of pregnancy has eliminated the last shred of justification for illegal abortions. The social workers and Planned Parenthood can direct you to good legal abortion centers.

If the abortion leads to sudden financial troubles ($300 and up), visit the counseling staff of the Deans' Office (5-104,x3-4861) or see Mmes. Buck and Rodrigues (12-128,x3-4911), the social workers.

Birth Control

Anybody connected with MIT can obtain contraceptive information and prescriptions from the Medical Department, regardless of age or marital status. As always, such matters are confidential between the patient and the physician.

Pregnancy

If you suspect that you may be pregnant, see the Medical Department and arrange for a pregnancy test. If pregnancy is confirmed and you wish to keep the baby, you should look into pre-natal facilities. The Medical Department has excellent information on some good ones in the area.

Venereal Disease

VD is presently at or near epidemic levels throughout much of the US. It is curable *if treated early.* If you suspect you have it, contact the Medical Department and get checked; lab tests are quick and accurate. If you do have it tell *all* your partners and have them tested. Remember, VD is often without early symptoms in the female, though it can have serious consequences for both sexes even years later.

Don't be troubled if the temptation to give advice is irresistable. The ability to ignore it is universal.

— Anonymous

Social Workers

Mrs. Jacqueline Buck and Mrs. Myra Rodrigues (12-128, x3-4911), social workers in residence, are good at mobilizing and integrating the resources available for solving problems concerning interpersonal relations. They can suggest and contact agencies that provide money for major expenses, pregnancy counseling, or advice on dealing with runaways. They specialize in helping foreign students (and their families) adjust to living in the United States.

Academics

Getting an education from MIT is like trying to get a drink of water from a fire hose.
— Anonymous

This chapter attempts to provide answers to a variety of questions dealing with Institute academics. Information is organized into seven sections: **Registration and Course Selection, Credit, Grades, Finals, Special Opportunities, Problems, Graduation and Degrees,** and **After Graduation**. Within each section, listings are alphabetical.

For more information, use the cross-reference to MIT Publications in **Appendix 7**. The most helpful publications include the *Freshman Handbook, The MIT Catalogue, Guide for Undergraduates and Faculty Counselors,* and *The Graduate School Manual.*

Faculty committees make many decisions on academic policy. Committee membership lists are available in the catalog under "Standing Committees of the Faculty," and can be obtained from the Information Office (7-121).

a) **Committee on Academic Performance** (CAP) handles most petitions, including those relating to pass/fail, dropping a course after the drop date, retroactive deadlines for finishing incompletes, and decisions on academic warnings. (7-101).
b) **Committee on Educational Policy** (CEP) generally examines educational policy. It is chaired by the chairman of the faculty and makes recommendations on most things the faculty votes on; it is strongly influential. (4-237,x3-1074).
c) **Committee on Graduate School Policy** (CGSP) is in charge of graduate courses and students. It helps the departments with graduate fellowships and scholarships. This committee does make policy recommendations to the faculty. Your department's representative will have more information; see him.
d) **Committee on Curricula** (COC) handles requests for exemptions and substitutions in general Institute requirements. It also handles proposals for changing requirements. (E19-341,x3-4781).

These committees are always on the lookout for active student members. Although these committees require a very serious commitment, being on one of them is one of the best ways of leaving your mark on MIT. Student members are chosen by the graduate and undergraduate student governments. For more information call the GSC (x3-2195) or the UA (x3-2696).

Registration and Course Selection

Courses, Choosing

The *Catalog* is a good place to start. Catalog descriptions, however, are frequently outdated or inaccurate, and can give no more than an incomplete description of a subject. The *Freshman Handbook* and the *Undergraduate Seminars Booklet* give some highly informative details on a number of popular freshman courses.

Academic programs at MIT have a marked tendency to change with time. Subjects vary from year to year, sometimes disappearing, but more often arising from nowhere. Often these changes occur after Catalog publication, so check with your advisor to see if there are new and interesting offerings in your department.

When you've found something that looks attractive, talk to the instructor in charge and check with students who have already taken the course (upperclassmen are a great source of folk wisdom and firsthand knowledge). Be careful — both students and faculty tend to give *very* subjective reports on courses. Get a wide variety of opinions, and weigh the pluses and minuses in order to form the best opinion you can.

The Institute allows you to overload your schedule by either sitting in on a course for a week and then registering for it, or by registering for one extra course and then dropping the least desirable one a week later. It is highly advised, however, that the extra course be carried no more than a week because as time goes on, the remaining courses suffer dramatically. **Remember:** You cannot advance place anything that you have registered for, whether or not you have dropped it.

Note: You can often take graduate subjects as an undergrad if you get the instructor's permission. Graduates may take undergraduate courses in other departments, especially humanities, math, and other introductory subjects. Subjects marked U are occasionally applicable to an advanced degree — check with your department.

Changing Departments

For undergraduates, changing one's major is trivial, though it becomes less so as graduation approaches. Early, before the start of the next term, you should have yourself assigned to a new advisor in your new department and have him or her sign your registration forms. You also should turn in to the Registrar's Office a Change of Course form for the switch to become official.

For graduates the process is only slightly less difficult than transferring to another school. You will have to go through a complete application/screening by your new department, so consult your target department or the Graduate School Office.

Computaro ergo sum.

— IBM 370

Registration

Registration material can be picked up in Lobby 10 on certain pre-announced dates. Spring-term registration forms are given out in early December, fall-term forms in early May. If you miss the scheduled dates you can get the material at the Registrar's Office (E19-335).

Registration, Changing

To add or drop a subject before the respective deadline, submit a correction card ("drop card") to the Registrar's Office (E19-335) or the Information Office (7-121). Cards are available at both these offices and some departmental offices; deans and student advisors can sometimes supply them. The card needs your advisor's signature. If you are adding a course after the first week, you also need the instructor's signature. A course

dropped within the first five weeks of the term will be entirely erased from your records; a drop after five weeks will appear on the internal transcript.

After the drop date (eleven weeks from the start of the term), you must petition the Committee on Academic Performance if you want to drop a subject. The CAP has outlined adequate reasons for dropping a subject late as unforseen circumstances beyond the student's control. The fact that you are failing, by itself, is not enough to get you off the hook. As a whole the committee is very strict about drop date, but exceptions have been made in the past; check with Jane Dickson (7-101) to see what your chances are.

Note: If you have an exam on drop date and are waiting to see the scores, don't petition the committee the next week about dropping the course. In the past, such petitions usually have not been approved. Also if you cannot find the correct signatures for the drop card on drop date, be sure to turn the completed card in on the next work day. The committee has tended to approve petitions submitted the day after drop date.

A course cannot be added after the fifth week of the term. Under unusual circumstances, a petition may be presented to the CAP, but almost the only instance in which the petition will be approved is in the case where a course began after the normal start of the semester. For UROP projects started after the fifth week you do not need to petition the CAP.

If you wish to change from listener to regular status, or change a junior/senior pass-fail option subject, notify the Registrar's Office before the fifth week of the term. Afterwards, you must petition the CAP.

Whenever and whatever you petition, do your best to convince your advisor — his recommendation carries significant weight.

Note: The Registrar sends out status of registration forms after you register and also after receiving a correction card. If the Registrar's Office screws up and registers you incorrectly, it is *your* responsibility to correct it. Although the CAP feels that failing to change your registration within a reasonable period of time after receiving an incorrect status form is not grounds to grant a petition even if the error was not noticed (as in not looking at it), the first time this happens it usually approves the petition. Graduate and summer students, be especially wary — an error in the Registrar's records can result in your being billed incorrectly, since you must pay tuition on a pro-rata basis for the time you are registered in a course.

Schedule Problems

If you have two or more conflicting subjects scheduled, check with the Schedules Office (E19-338,x3-4788). If you can't get into a different section, you'll have to go to half of the classes in each subject. Dropping one of the courses and waiting until the next term may be the best solution. Discuss the problem with each one of the instructors.

The schedule given on your schedule card is taken from the master list given in your registration booklet. You can change your schedule by simply going to a different meeting of the same class and turning in your roll card to that instructor, except in humanities and physics, where departmental headquarters' approval is needed.

Credit

Advanced Standing

Getting credit for course material you already know is not difficult. For many subjects, all that is needed is a passing grade on an Advanced Standing exam; others may require additional work. See the instructor and you advisor for details. Incoming students should contact the Admissions Office (3-108,x3-4791).

Tests are offered in March, May, September, October, and December. You must file a petition with the Registrar three weeks before the exam period begins, and get the course instructor's approval. The grade you receive (even if failing) will be placed on your transcript, but will not be counted into your cum.

If you have any thoughts about advance-placing a course, *don't* register for it — not even as a listener. Registration in a subject automatically prevents you from taking the Advanced Standing exam; this is independent of whether or not you remained registered or actually did attend classes.

Grad students seeking advanced-placement credit generally make informal arrangements with the instructor and department rather than take an exam. Most departments allow you to use some subjects taken at other schools to fulfill graduate degree course requirements, the minor requirement, or the language requirement.

IAP, Credit for

If you want academic credit for work done during IAP, you are limited to 6 units unless prior approval is obtained from the head of the department in which the subject is being taught. Subjects should be taken under a regular subject number. Grading is pass/no credit, although letter grades can be assigned for regular subjects taken in intensive form. Getting credit requires making arrangements with the instructor prior to starting work, since regular registration procedures do not apply.

Listening

There are two ways to sit in on a subject: the first is getting permission to sit in on a class and learn informally; the second is registering officially to listen to a class. If you do register to listen, you will not be allowed to advance place the course later on. For the summer term, the listening rates are the same as for regular students tuition. This also applies if you pay for tuition on a per-unit basis. It is possible to change status to a regular student during the term (up to the add date). See your advisor for the necessary paperwork.

If you're not going to listen, just go to sleep quietly.

— D.P.D.

Transferring Credit

It is possible to receive MIT credit for work done at other institutions. If an exact MIT equivalent exists, fill out a Request for Additional Credit form and get the MIT instructor's approval; you will receive your credit plus a recorded grade of "S." If no equivalent exists here, see the most closely-related MIT department. Any questions about the

granting of credit should be directed to the Director of Advanced Placement in the Admissions Office.

Graduate-level subjects completed satisfactorily at other universities may be accepted toward requirements for an advanced degree, but do not contribute to the residency requirement. If the subject has an MIT equivalent, submit an Additional Credit sheet; if not, you must petition. Courses taken by a former Special Student may be used later in partial fulfillment of requirements for a graduate degree. In either case, the Registration Officer should indicate the amount of (A) or other credit accepted.

Grades

Changing Grades

Subjects: If you feel a grade is unfair, talk to the instructor. The CAP is willing to act as an intermediary in case of disagreements, but cannot override the instructor's decision. The instructor must fill out a Special Report Sheet and send it to the Registrar before the grade change can officially take place. All such changes, including making up I's and OX's, must be done before you get your degree.

Course work: Problem sets, quizzes and exams are often marked by TA's or graders. Therefore, if you have any question about the accuracy of a mark, talk with the instructor; normally he/she will be quite willing to see your side of it.

Incompletes

Incompletes must be made up by the end of the fifth week of the next term, whether or not you register for that term. After that time, if the faculty member involved is willing to make an extension, the work must be made up by the last day of classes. Further extensions require a petition to the CAP and are approved only under special circumstances (for instance, if the facilities you needed were not available that term). Incompletes not completed remain Incompletes; they are not computed into your cum.

It is a good idea to ask your professor ahead of time for an Incomplete (but don't ask if you haven't already done two-thirds of the course work), explain the reasons for it, and tell him when you plan to finish the subject. (If he is not going to give you an Incomplete, it is better to know before the term ends). Many professors will go out of their way to be accommodating even to the point of calling you up to see if you are still working on the incomplete; others will screw you to the wall.

Pass/Fail

Pass/fail grading is generally available only to freshmen, to students in the Concourse, ESG, or UROP programs, and to juniors and seniors exercising their pass-fail option (see below). An instructor may petition the COC to have his entire subject made pass/fail, but cannot allow individual students to take the course pass/fail unless one of the above options applies to them.

The Junior-Senior option allows the student to designate two subjects pass/fail in his last four terms. The subjects cannot be Institute or departmental requirements, and cannot exceed one per term. See **Registration, Changing** for rules and regulations regarding deadlines.

Occasionally instructors give hidden grades to students on pass/fail. The Math, Physics, and Chemistry departments do keep some records of how freshmen did on quizzes, problem sets, etc. It is rumored that these are used by professors when writing recommendations and evaluating potential undergraduate tutors, but do not have any official existence. You *can* have them released to graduate schools, however, but only upon your explicit request.

Transcripts

The Registrar's Office will make copies of your transcript for $2.00 each. Keep in mind that it will take a while to get them prepared. Payment can be made at the Cashier's Office (10-180) or at E19-225. Requests for transcripts must be made by the student in writing; no request from a graduate school or anyone else is honored without the student's approval.

There's less to this than meets the eye.

— Tallulah Bankhead

Finals

Conflicting Finals

Few students have conflicting finals. If you do, file a notice of conflict with the Schedules Office (x3-4788) before their deadline and then discuss the problem with your instructors. One of them might see if you could take an early final at a special time, or have the exam delayed. See the Registrar's instructions on your exam schedule.

Exams Before Finals

In a course with a final exam, no written exams may be given the week before the final is given. In courses without finals, no more than one written exam of not over one hour in length (except in lab and drafting courses) may be given in the week before the final exam period. If an instructor schedules an exam which is in conflict with the above rules, talk to him or to Jane Dickson (7-101).

Finding Finals

Call the Information Office (x3-4795) if you forgot (or never found out) where your final is supposed to be. They will know the correct room number for different sections. If you will be more than 45 minutes late, you must get permission from the DSA (5-104,x3-4861) to enter the exam room.

Inability to Take a Final

Undergrads: Go to the DSA Office (beforehand if possible) and explain the circumstances which prevent your taking the exam (a personal visit is strongly preferred to a telephone request). If your reason is accepted as valid, the Dean's Office will issue a grade of OX. This grade can apply only if the instructor has issued an *O* (absent from final with passing work up to that time).

Note — If you are sick be sure to go to the Medical Department before the exam. If your reason is not accepted, the O remains as such on your record — it is equivalent to an F and is averaged into your GPA.

A postponed final make-up is normally taken at a certain time early in the next semester. This means that if you missed a second-term final, you must retain all of your

knowledge of the course through the summer and part of the fall term. So it might be better to take the final on time if you are not too sick. Be realistic about your capabilities though, because if you do badly it is hard to have the grade changed.

Caution: If you had been doing failing work throughout much of the term, the instructor still has the right to give you an F instead of an O.

Grads: Go to your instructor and talk to him/her. Also, you can check with the Graduate Office (3-136,x3-4868).

If you have a tendency to go to pieces or otherwise fail to perform maximally on finals, talk with your instructor beforehand; afterwards plead for an incomplete.

This exam is intended to be instructive. Consequently it is sometimes the case that part of the problem is to figure out what the problem is.

— Directions for 6.034 exam

Special Opportunities

Co-op

Five Courses (II,III,VI,XIII,XVI) currently have organized cooperative study plans with industry. The tuition is the same as for regular students. Check at department headquarters and the Registrar's Office for details.

Cross-Registration, Graduate

MIT has cross-registration programs with the following schools:

School	*MIT Coordinator*
Harvard	Dean Blackmer 20D-204, x3-3452
Wellesley	Jane Sauer 7-108, x3-1668
Woods Hole Oceanographic Institution	Biology, Ocean Eng., Earth and Planetary Sciences, and Meteorology
Brandeis (Social Welfare)	Prof. John Howard x3-7333, x3-4408
Tufts (Dental School)	Nutrition and Food Science
Boston University (African Studies)	Economics and Political Science

Most of these programs are very limited (e.g. with Brandeis, only course XI grad students may cross register), but don't let this stop you. Build a good case for yourself, convince your advisor of its merit and you at least have a chance. With perseverance and careful planning, things can go the way you want them to. More information is available in the Graduate Student Manual and from your registration officer.

Cross Registration at Harvard, Undergraduate

This program is open to a small number of juniors and seniors with cums of 4.0 or better. If you really want to take a course, apply anyway, even if you're a sophomore — you might get in. The course at Harvard preferably should not have an MIT equivalent. Dean Blackmer (20D-204,x3-3452) is the MIT coordinator for undergrads. He has the Harvard catalogs, as does the Harvard University Information Center at Holyoke Center in Harvard Square.

NAVY
& MARINE CORPS
ROTC

Three and two year scholarships are available for qualified Freshmen and Sophomores. Scholarships include tuition and fees, use of textbooks, and $100 per month stipend, all beginning next fall.

Careers are available in nuclear engineering, aviation, computer science, civil engineering, naval architecture and many more. Virtually every MIT major has a future with the Navy or Marine Corps. Moreover, Navy or Marine experience invariably enhances civilian career opportunities. Drop by the NROTC office 20E-125 or call x3-2991. A future is waiting for you.!

Harvard's deadline for registration falls about two weeks after MIT's registration day. Their calendar is different from MIT's; first term finals are in January, and second term finals are in late May and early June. Be sure you will be around during their finals week.

Cross Registration at Wellesley, Undergraduate

The Wellesley-MIT Exchange Guide describes the exchange; it and applications are available from the Information Office (7-121) and the Exchange Office (7-108) a few weeks before each term's deadline. The Information Office also has Wellesley catalogs and calendars. Fall term applications are accepted in May, and spring term applications in January. Late applications are frowned upon, but sometimes accepted if the course isn't overcrowded. It is easy to switch subjects just before the term starts if you change your mind and want to take a different one.

If you're unsure about prerequisites, the meaning of "limited enrollment", or anything else, call the Wellesley instructor. The MIT-Wellesley tieline is 187+ the Wellesley extension. Wellesley information is x187-241.

Check with the MIT faculty coordinators listed in the Guide. They can tell you about the use of Wellesley subjects to satisfy Institute requirements and the technicalities involved (e.g. special signatures on the registration form). The Guide also has information on such things as bus schedules and meals (Cross-registered MIT students on commons can eat in Wellesley commons.)

Jane Sauer (7-108,x3-1668) is the general coordinator for the exchange. Check the exchange bulletin board in Building 7 for bus schedules, and other Wellesley information.

For more information, see **Wellesley** in the Appendices.

Domestic Year Away

You can spend a year studying at another college in the United States provided that certain conditions are met. The school you want to attend must accept you and be of "established merit" and your department must certify that the school has unique resources unavailable at MIT, Wellesley, or Harvard. Your program of study there should involve a workload comparable to MIT's, and its objectives must be consistent with your overall MIT degree program. You won't have to reapply to MIT to get back in. There is a possibility of financial aid, especially if MIT has already given you some. Check with the Foreign Study Office (7-108,x3-5243). Also look at the college catalogs in the Placement Office (12-170) or on the second floor of the Humanities Library for more information.

Foreign Study

If you are interested in studying abroad you should start to plan as soon as possible. Junior Year Abroad is generally the easiest way to go. Contact Dean Robert Halfman (5-104,x3-4861) or the Foreign Study Office for assistance in organizing your objectives and plan of study. Supposedly, JYA costs no more than MIT and you can still get financial aid. In addition, student status and dorm priority are generally unaffected.

The opportunities for foreign graduate study are greater. The Placement Office (12-170) has some reference materials. The Graduate School Office also has information on DAAD, Churchill, Fulbright-Hays, Marshall, and other foreign scholarships.

Inventing Your Own Course

New courses have been invented in the past. A strong commitment and faculty backing are essential. If you want to start a course on a more informal level, see the ESP office (W20-467,x3-4882). (ESP also provides an organization for teaching Saturday courses to high school students.) Starting an IAP course is much easier and can be done through the department.

Two truisms: a) $1>>0$. If you don't start things moving, they won't move. b) $N+1>N$. The more people you have with you, the more effective you will be.

Special Projects

If you have an idea you want to work on, or something you want to study, you can frequently get Institute backing. You may even be able to get credit or satisfy Institute requirements while doing your own thing. Petitions for fulfillment of Institute requirements go to the COC.

First, dig up an idea (Example: writing a guidebook for the MIT community; that's how this book got started). Several established ways of doing so are:

1. Check with the UROP office (20B-141,x3-5049) or check their bulletin board in the main corridor for current research offerings. Although most projects take place on campus, it is also possible to have an off-campus project at hospitals, corporations, non-profit organizations, or government agencies. See the UROP booklet for more ideas (it lists faculty in each department and their research areas) and for the rules and regulations regarding project work.

2. Ask at department headquarters/graduate offices for references on current research.

3. Find a professor you want to work with and ask him/her for project ideas. Most faculty members have lots of ideas which they themselves don't have time to work on.

4. Drop in on a lab you're interested in and ask someone about what's going on. In most cases, you'll get an enormously thorough description; people are very willing to talk about their work.

Second, find a way to do your own thing. A few suggestions are:

1. Register for a "projects" or "special problems" subject in your (or any other) department. The best types are those with credit "to be arranged." You must find a faculty sponsor. If the project works out well, you can do a careful write up and petition to make it your thesis.

2. Try to make your project a part-time job with a professor. Or try to make it a summer job, possibly by getting hold of grant money. Consult your advisor or department

head for suggestions on how to go about it.

3. See UROP (20B-141). They pride themselves on being helpful.

4. Check with the interdepartmental labs. A fairly thorough listing is in the Catalog.

Whatever your idea, if you're really interested in pursuing it you should be able to find help and sponsorship somewhere in the Institute. If at first you don't succeed, keep trying; there are plenty of places to go for advice. The person who turned you down may change his mind and offer his services the next month.

Adversity causes some men to break; it causes other men to break records.

— Anonymous

Special Students

Special students, by definition, are not considered to be working toward a degree. Special students pay tuition based upon the number of units they're taking, and must be readmitted each term. They usually are not eligible for financial aid, campus housing, or cross registration. Subjects taken while a special student can be used toward a degree if the student is subsequently admitted as a regular student. Contact the counseling deans (5-104) if you're thinking of changing your status, or the Admissions Office if you've never been a regular student.

Summer Session

The summer session is open to all students. The summer catalog is issued in March and is available at the Information Office (7-121). Old summer catalogs can be found in the MIT section of the Student Center Library. Tuition is paid on a per-unit basis, although minimum and maximum rates exist. Regular students should check with the Registar's Office (E19-335); Special Students should contact the Admissions Office (3-108).

The number of courses offered in the summer is limited, but it usually includes some large freshman and sophomore courses such as 8.02, 6.011, and 18.03. Plenty of research goes on in the summer — check with your department about ongoing projects which you might find attractive.

Education — That which discloses to the wise and disguises from the foolish their lack of understanding.

— Ambrose Bierce

Reduced Loads

Regular students planning to take a reduced load for a term should get approval from their advisors and a counseling dean (5-104) prior to the beginning of the term. The CAP will take your planning into consideration at its end-of-term grade meetings and will not take action based solely on the fact that your credit for the term is low. There is also the possibility of saving money by paying tuition on a per-unit basis, while still being considered a regular student.

Undesignated Sophomore Status

Dean Halfman handles problems with becoming undesignated [designating a major],

and selecting or changing advisors. He can often help with problems of course and career selection. You can find him in the Undesignated Sophomore Office (7-103,x3-6771).

How to win friends and influence people.

— Carnegie

Problems

Courses, Commenting on/Complaining about

If you have any problems at all, whether they concern problem set difficulties or room temperature, talk to the instructor. He wants feedback (in most cases) and will react favorably to the simple fact that you have gotten off your tail and said something — even if it is critical. Just do things tactfully and you will be surprised at how well received you'll be.

If that doesn't work, try your advisor or other faculty members in the appropriate department. Go straight to the department head if necessary. Try the deans, especially the counseling staff (5-104,x3-4861); they are all experienced in dealing wth classroom complaints.

Don't worry that your comments might be too trivial to waste someone's time with. If something bugs you, it probably bugs other people too. If you're sufficiently interested to start poking around for some help, you're more than likely doing several people a favor by sparing them the trouble. If you're really unsure, sound out another student, a dean or random faculty and see what happens. Normally all you have to do is ask.

Individual initiative is probably the best thing you have going for you at any given time. It is easy to be cowed (consciously or subconsciously) by the power and impersonality (??) of the Institute. Succeeding at MIT involves an element of gentle aggressiveness, and the more often you apply it, the better and more interesting your education will be.

Course Problems

If you really don't like your professor, go to the undergraduate department office or to the departmental headquarters and explain why you would rather be in another section. Don't use the negative approach; instead, explain why another section would be better for you. If there is only one section, you can drop the course (and wait for next term), or grin and bear it. Not going to class is another possibility, but this is usually not advisable, as it can cause problems with your grade.

If your problems involve the course material, you have several paths available to you. Tutorials (if they exist) provide personalized help — it's best to attend them throughout the term and avoid the crowded cram sessions on the day before an exam. Your TA might also be able to arrange a help session. Faculty and students in your living group may have taken the course in question; they might have old quizzes and homework, as well as an understanding of the material.

A lecture is the process by which the notes of the lecturer become the notes of the students without passing through the minds of either.

— Anonymous

Department, Complaints/Suggestions

Your advisor, as with most other matters, is the first person to turn to. Other natural choices are the department head and other professors within the department. The department's feedback committee, if it exists, can also prove useful. Other resources include the local Course Society, the Executive Officer, or even the secretaries at Headquarters. (These last offer information rather than brute-force pull. However, that information may prove invaluable, and often is unavailable elsewhere.) The counseling deans (5-104,106,108,x3-4861) have no formal departmental connections, but can give good advice.

There are no foolish questions, and no man becomes a fool until he has stopped asking questions.

— Charles P. Steinmetz

Freshman Troubles

Complaining about your advisor: Advisors are pot luck. If you don't like what you get, you can either ask for arbitrary reassignment or request a specific person. All such discussion is via the Office of Freshman Advising (OFA,7-103,x3-6771). Don't hesitate to request a change if you feel one is necessary.

Failure (not passing): Don't panic. Normally you will merely have to repeat the course if you want to get credit for it. Pleading sometimes helps. Possibly your evaluation forms did not give you a clear idea of where you stood. Talk to your professor. Remember, freshman failing grades are not recorded on your external transcript (but they might influence the CAP at the end of the term).

Pass/Fail: if you don't get evaluation forms, go to the OFA office at 7-103. Ask and you shall receive. If you don't get completed evaluation forms back, bother your advisor.

Freshman seminars: The subject you choose can be both interesting and informative. If it isn't, you can either drop it or change it; don't stick around with a bad one. The Undergraduate Seminar Office is located at 7-105 (x3-3621).

Taking a course at Wellesley: You can do this first term if you try hard. If you really want to do it, start shoving (see **Cross-Registration at Wellesley, Undergraduate**).

Crisis: If something is wrong and you can't find adequate help anywhere, go to the psychiatrists. Cry; let them know you are desperate.

Warning, Undergraduate

A good description of a warning is quoted below from a publication of the Committee on Academic Performance.

Warning: This action would be appropriate in the case of a student whose performance is considered below standard, and whose status at the Institute may be jeopardized if his/her performance does not improve in the coming term. We feel that this action ought not to be viewed as punitive, but rather as a helping mechanism that will encourage such students to plan constructive action to improve their performance.

If you have a problem, or if you are facing a warning, talk to some of the Committee members, or to Jane Dickson, assistant to the chairman of the CAP. Her extension is x3-4164. Most of these people are quite reasonable individuals.

There is no set cut-off point for getting a warning or escaping it. CAP always will look at you if your term GPA is less than 3.0 or if you have received less than 36 units for that term. The normal procedure is for each department to have a grades meeting at the end of each term, at which they will consider each student and make recommendations to the CAP. Therefore, if you think there is something the faculty of your department should know, tell them via your advisor or favorite professor before the end of the term.

If you leave the Institute for academic reasons, you should consider yourself on academic warning every term after you return — the CAP does. However, if you leave before add date, CAP does not look at you that semester.

That's the reason they're called lessons, the Tyrphon remarked:
because they lesson from day to day.

— Lewis Carroll

Warning, Graduate

Graduate students may receive a warning from the Committee on Graduate Student Policy if their cum is somewhere below the 3.5-to-4.0 range. However, the Committee is not required to warn you. If your poor performance continues, the CGSP will probably recommend kicking you out — it is vital that both the CGSP and your advisor clearly understand the circumstances which are causing your problems.

Withdrawal

If you have been on warning at some point and are now doing poorly, the Committee on Academic Performance may, after consulting with your advisor, decide for you to withdraw. Virtually nobody flunks out because he isn't smart enough; if you're having trouble there's some other factor at work.

If you're headed for a withdrawal, *don't panic.* Visit the counseling deans (5-104) or members of the Psychiatric Service. Check with the Placement Office. They can help you find a permanent job, or a somewhat temporary one if you intend to return after a term or two. You always have the opportunity to come back. Just remember, you reapply through the DSA Office or CAP.

We tend to spend about six months intellectualizing about any problem before we admit that our initial reaction of "Yugh" was correct.

— Bill Hecht
(Chairman, Educational Council)

Withdrawal, Voluntary

If you want to leave school, even if only temporarily, you should contact the counseling deans (5-104) for advice and help with all the procedural hassles. If you're not sure

whether to take a term or so off, try talking to one of the deans, your advisor, friends, or members of the Psychiatric Service. Also, the Placement Office can help you in finding a temporary or permanent job.

Readmission of undergraduates in the case of voluntary withdrawal is not hard, and is done through the DSA. You won't lose financial aid, but you will loose housing eligibility.

Readmission of graduate students is done through the department. If you're gone more than five years, you'll also need the approval of the CGSP.

Graduation and Degrees

Degrees, Double

Two Bachelor's Degrees: You must fulfill requirements in two departments while accumulating 450 units instead of the 360 units required for one degree. It is not possible to split up course credit so as to give part of the course's credit to one department and part to the other. You must deliver a petition to the Registrar's Office at least two terms before graduating; the petition must list the two degrees and the expected graduation date. Consult your advisors in both departments to find out about the deadline for application and to obtain approval of your entire program.

There are provisions for having one thesis count for both degrees. Make sure you contact both departments about your joint thesis if you plan to present one.

Note to the Superambitious: triple majors *are* possible. At the 1975 graduation, one student received three Bachelor's and one Master's degree after four years!

Bachelor's and Master's Degrees: Some departments will award a SB and a SM simultaneously. You must be accepted for graduate study at least one term before the degree is awarded, and that requires a petition. Check with your advisor for details. If you want a Bachelor's degree in one department and a Master's in another, you are on your own. Don't worry, though — it has been done.

Two Master's Degrees: You do not necessarily have to take additional credit units for two Master's degrees. However, there are requirements about splitting up the units between the two departments. You can do a joint thesis for two Master's degrees; petition must be filed at least two terms before graduation.

Any mathematical trick that's been used at least twice becomes a method.
— George B. Thomas

How to Get Around Requirements

If you want to be exempted from or make substitutions for Institute requirements, you have to petition the COC. Getting out of a departmental requirement will involve working things out with your advisor and the department head. You should talk to the people involved before writing your petition. Your advisor and the deans can be of help. Try to find out about policies and precedents, and build up a believable case, which may take a major creative effort in borderline cases.

Don't be afraid to try; the results can be worth it. Petition forms are available from your advisor, the Registrar's Office, the Dean's Office, or the Information Office. Your petition will be more effective if you justify yourself in two sentences on the petition itself. Items which are petitioned for most frequently are substitutions for humanities and lab requirements. Often other subjects may be substituted for certain requirements in a department. Make sure you have the approval of the instructor in the subject you want to substitute. If your petition is refused, you can appeal to the same committee and they may change their minds if you are persuasive enough.

Intelligence appears to be the thing that enables a man to get along without education. Education appears to be the thing that enables a man to get along without the use of his intelligence.

— Albert Edward Wiggam

Degrees, Interdepartmental

Undergrads: Interdepartmental majors are available at present only to graduate students. Course XXV is a good one to get into if you're interested in a special program not covered by a specific department. Check the Catalog for further details. Also, many courses have programs that leave the student with the freedom to choose a particular area of concentration and take many courses in other departments. (See **Degrees, Unspecified**).

Graduates: Procedure here is fairly definite, but you still must make an effort to get things moving. You'll have to get an interdepartmental committee together that will be responsible for your entire degree program. There are some standing committees for interdepartmental work in several fields.

Check the Graduate Student Manual, your registration officer, your departmental Graduate Student Committee, or Dean Wadleigh at the Graduate School Office for help and information.

A joint degree in two departments (while being registered in only one) or a joint thesis is possible. The Thesis Committee is usually split between the departments. You can either split the qualifying exams, or pass them in your main course.

Biomedical engineering is the only well-established interdepartmental program, but others may be formed some day. The bio-med program has courses in areas II, III, VI, X, XVI and others. Check with one of these departments to find out more information.

Degrees, Unspecified

Several courses (I, II, III, IV, VII, X, XV, XVIII) sponsor very flexible programs that can be adjusted to suit your personal requirements up to a certain limit. Since all departments have the option of offering unspecified degrees, your advisor or department head can help you set up a program. But remember — you still must fulfill the general Institute requirements, even if they don't seem to fit into your personalized educational program.

Graduation

You must submit an application to be a degree candidate in order to graduate. The application is included in your registration material. MIT does not automatically grant

your degree as soon as all requirements have been met. It is possible to graduate with one deficiency if it occurred in a subject for which you were registered in the final term in which and you made an honest effort to complete the course. Even then, graduation is not automatic. Your department will have to petition the Committee on Academic Performance (CAP) and make a well informed plea.

Before you receive your diploma, all library books must be returned, all keys to rooms and labs must be returned to the Office of Superintendent of Physical Plant, or to the appropriate professor, and all financial matters must be cleared. The Student Accounts Office will notify you of the deadline dates for all the formalities.

Prior to graduation, any student employed by the Institute must file a Termination Clearance form with the Payroll Office, with signatures certifying that (s)he has returned all keys, books, supplies, etc. Some labs have their own special termination procedures for teaching assistants.

Theses

Undergrads: There is little published information on undergraduate theses. Consult your advisor and your department head. One pamphlet, *Undergraduate Theses,* is put out by the Committee on Educational Policy and is available in room 5-133 and the Student Center Library. The rules are really flexible, so don't believe everything you read or hear. To be certain, check with your department.

Grads: The Libraries publish a *Guide to Specifications for Thesis Preparation.* Copies are available from the **Institute Archives** (14N-118,x3-5688). Your advisor should be able to answer most questions.

After Graduation

Applying to Graduate Schools

General Information: Reasonably thorough collections of graduate school catalogs can be found in the Humanities Library or the Career Planning and Placement Office Library. The latter library also has independent references on school reputations, financial aid and degrees awarded. This particular service is right up Mr. Weatherall's alley; he's Assistant Dean of the Graduate School and personally familiar with many institutions. Don't let his title put you off, he's very friendly and a good person to ask for help. In addition, the office has some applications for the GMAT (business), LSAT, MCAT, and GRE. With regard to the GRE, the Graduate School office (3-136,x3-4860) has application forms and information. Reference copies of test bulletins are kept in the Placement Office (10-140).

Kenneth Wadleigh, Dean of the Graduate School, is particularly helpful if you want to come to MIT for graduate study. **Hint:** When applying to grad schools, it's usually best to specify the doctorate under "degree to be studied for." This and other rules of thumb may be gleaned from your advisor and other faculty if you ask for help.

Getting A Recommendation

Due to grade inflation, recommendations may be more important than your cum. Getting a recommendation must be planned in advance. Unless you're willing to take

WE NEED CERTAIN COLLEGE MAJORS TO BECOME AIR FORCE LIEUTENANTS

Mechanical and civil engineering majors aerospace and aeronautical engineering majors chemistry computer science mathematics majors.

The Air Force is looking for young men and women preparing themselves in academic areas like these. If you're one of these people, you may be eligible for the two or four-year AFROTC program. And to help you with the college bills, a two, three or four-year scholarship could be available to you.

The AFROTC program leads to an Air Force commission. That means excellent starting salary, promotions, medical and dental care, 30 days of paid vacation each year. But more than all that, it means responsibility for people and high-value equipment; it means challenging work, and a chance to serve your country with pride.

Find out today about an Air Force ROTC scholarship. It's a great way to help pay for your college, and it could be that your present major will help you become an Air Force Major someday.

AFROTC
Bldg 20E-111
Phone 253-4475

AIR FORCE

ROTC

Gateway to a great way of life.

your chances on a sketchy and composite view written by someone who doesn't know you very well, you have to develop a close relationship with at least one faculty member.

In general, you should contact the person whom you will ask to write the recommendation and get his/her approval before referring to him/her. It also helps to know that you'll get a good reference.

Only a mediocre person is always at his best.

— Somerset Maugham

OUR 41st YEAR

PREPARE FOR:

MCAT • DAT • LSAT • GMAT
GRE • GRE PSYCH • GRE BIO
PCAT • OCAT • VAT • MAT • SAT
NMB I, II, III • ECFMG • FLEX • VQE
NDB I, II • NPB I • NLE

Flexible Programs & Hours

Visit Any Center And See For Yourself
Why We Make The Difference

Park Square Building
31 St. James Ave. — Suite 950
Boston, Mass. 02116
(617) 482-7420

Stanley H. KAPLAN
EDUCATIONAL CENTER
TEST PREPARATION SPECIALISTS SINCE 1938

Outside N.Y. State Only CALL TOLL FREE: 800-223-1782
Centers in More Than 80 Major US Cities
Puerto Rico, Toronto, Canada & Lugano Switzerland

The following items have been excerpted from recent first-year Graduate Qualifying Examinations. They are published here as a public service for the edification of those undergraduates planning to attend graduate school.

Instructions: Read each question carefully. Answer all questions. Time limit 4 hours. You may begin immediately.

Medicine: *You have been provided with a razor blade, a piece of gauze, and a bottle of Scotch. Remove your appendix. Do not suture until your work has been inspected.*

Public Speaking: *Twenty-five hundred riot-crazed Aborigines are storming the classroom. Calm them.*

Engineering: *The disassembled parts of a high-powered rifle have been placed in a box on your desk. You will also find an instruction manual, printed in Swahili. In ten minutes a hungry Bengal tiger will be admitted to your room. Take whatever action you feel appropriate. Be prepared to justify your decision.*

Music: *Write a piano concerto. Orchestrate and perform it with a flute and drum. You will find a piano under your seat.*

Political Science: *There is a telephone on the desk beside you. Start World War III. Report on its sociopolitical effects, if any.*

Biology: *Create life. Estimate the difference in subsequent human culture if this form of life had developed 500 million years earlier, with special attention to its probable effects on the English parliamentary system.*

Management Science: *Define Management. Define Science. How do they relate? Why? Create a generalized algorithm to optimize all managerial decisions. Implement your algorithm on either a GE 645, CDC 7600, IBM 360/195, or PDP 8. Your program should include all the software necessary to support 100 interactive consoles.*

Extra Credit: *Define the universe. Give three examples.*

— "The Last Word" from *thursday*

Admission to MIT Graduate School: For some departments, it will be harder for MIT undergrads to get into MIT than for grads from other institutions of comparable quality. The ostensible reason is that departments want to avoid "inbreeding." Consult the department, the Admissions Office, and the Graduate School Manual for more information and help.

It is possible to be admitted as an interdisciplinary graduate student. You still have to find a department that will admit you, but some flexibility is allowed. It will take a lot of talking to get what you want, and at least one professional ally. Don't delay.

Now, here, you see, it takes all the running you can do, to keep in place. If you want to get somewhere, you must run at least twice as fast as that.

— Alice in Wonderland

Prelaw, Premed and Education Counseling

Due to the ever-increasing number of MIT students who are interested in entering the medical, legal, and teaching professions (and related areas in public administration), the Committee on Preprofessional Advising and Education was created. Susan Haigh Houpt is the Advisor on Preprofessional Education (10-186,x3-4158). The Preprofessional Office keeps copies of graduate school catalogs in the fields mentioned above, as well as application forms for the necessary entrance exams (LSAT, MCAT, etc.). Also, special handbooks for these three fields are available. Contact the Office early; they can help you plan ahead.

Besides providing counseling, the Office sponsors seminars given by representatives from schools and professional fields; interested students are encouraged to attend.

Dates and locations of these seminars are usually announced in *The Tech* and *Tech Talk,* and are posted on the Preprofessional kiosk, just outside the office.

The Committee consists of three advisory councils, one in each field. If you are wondering what it feels like to be a professional in one of these areas, the members of the advisory councils will be glad to tell you.

Increase your options from the beginning.

As a freshman in college, you are looking ahead to a good first year. Your ultimate goal is getting that college degree.

To make that degree more meaningful, you should increase your options from the beginning.

And you can do that through Army ROTC.

Army ROTC offers practical leadership with on-hand adventure training. You'll get management experience, which aids in developing men and women to shoulder greater responsibilities at an earlier age than most other graduates.

You can be part of this exciting curriculum in the first two years. And there's no obligation.

Army ROTC offers three, two and one year scholarships to cadets in addition to its full four-year scholarships.

You don't have to be a scholarship winner to take Army ROTC or to receive the $2500 paid to all cadets during the last two years.

Upon graduation you'll be wearing the gold bars of an Army officer. With the kind of experience you get in Army ROTC, you're qualified for any career, whether it's military or civilian. Army ROTC provides for both — active duty status with a starting salary of over $12,000 or Reserve Component/National Guard Duty while employed in the civilian community.

Get a good start your freshman year. Increase your options from the beginning with Army ROTC.

MIT Army ROTC
20E-126
Tel. 253-4471

Learn what it takes to lead.

SPECIAL
2 99
99

Things To Do

This section is a partial guide to the facilities available for enjoying yourself in and around Boston and MIT. Boston has so much to offer in the performing arts, dozens of movie theatres, coffeehouses, many varied restaurants, and music for all tastes, that there is never any excuse to be bored around here.

I have never let my schooling interfere with my education.

— Mark Twain

Resources

Two prominent weekly newspapers, *The Boston Phoenix* and *The Real Paper*, are hawked on the streets each week. They have complete listings of the week's events, give information on things going on in Boston, and have extensive criticism and reviews of entertainment products and events. Also, distributed free each week, are *The Free Paper* (from *The Real Paper*) and *B.A.D.* (from *The Boston Phoenix*). 'Calendar,' published in the Thursday *Boston Globe*, also has excellent listings. For those who are interested in rock concerts, *Rolling Stone*, published bi-weekly, often lists dates when major rock performances will be held around the country.

There are several guides to Boston available from travel agencies, most hotel lobbies, the Boston Chamber of Commerce and other groups. A wide variety of general and topical (i.e. Dining Out) guidebooks are available at most bookstores as well as guides to Boston and Cambridge. See also the section on Transportation for maps. There is an information booth on the Boston Common at the start of the Freedom Trail (on Tremont St. about half a block from the Park St. station).

The Boston Arts Line recording (261-1660) lists upcoming cultural events in the Boston area.

The TCA maintains an entertainment bulletin board in its office (W20-450,x3-4885), runs an excellent ticket service, and has some tourist information.

The SCC recently started a telephone service number (3-3942) with a recording of current information on parties and various activities around campus.

Other colleges in the area often have parties that are well worth going to, and it's often very pleasant to meet people who come from other schools and have different backgrounds from those students we associate with here every day.

This town of Boston is becoming a Hell on Earth, a City full of Lies and Murders and Blasphemies; a dismal Picture and an Emblem of Hell. — Cotton Mather, 1688

Sightseeing

Downtown Boston is worth repeated explorations. The major organized walking tour is the **Freedom Trail**, covering places and monuments appropriate to a study of the American Revolution, and passing by some interesting examples of both colonial and modern architecture. The **Boston Common**, where you are allowed to graze your cow if you have one, is a gentle and pleasant grassy park filled with a random assortment of people. The **Public Garden** just west of the Common, has many labeled trees, rare flowers and a pond, and is fighting a losing battle with vandals. **New City Hall** at **Government Center** in the heart of Boston is an unusual and striking architectural creation. It looks like a jumble of planar surfaces on the outside, but is quite well-designed and beautiful on the inside, though somewhat labyrinthine on the upper levels. Tours of the building are offered on weekdays. Some of the tall office buildings also show a streak of architectural "creativity," notably the **First National Bank Building**, which has oblique surfaces above and below, and somewhat resembles a pregnant brick. The old **Custom House Tower** is a nice place from which to look at the ocean. It used to be the tallest building in Boston and a landmark for ships, until the Prudential and John Hancock buildings came along. Call ahead before going there. The hours are strange.

Onward to **Back Bay**, a formerly marshy area that was filled in over one hundred years ago. The **Back Bay Fens** (near Fenway Park, Simmons College, the Museum of Fine Arts) is a nice park with ducks to feed (and very polluted water). There are also some Victory Gardens left over from World War II, which are still maintained by private citizens. Boylston Street has many boutiques and other stores, and Newbury Street is a quiet and shaded avenue with art galleries. Commonwealth Avenue between Mass Ave and the Public Garden is a divided roadway with a shaded mall down the middle. The Boston bank of the Charles River is great for picnics and sunbathing. This tree-lined **Esplanade** along a string of linear islands is great for walking trips and relaxation.

Slightly further west, at the intersection of Beacon Street, Comm Av, Brookline Ave and 3 other streets is the driver's nightmare called **Kenmore Square**. It is built up and is becoming more so, with shops ranging from hamburger joints to boutiques and nightclubs. It's a nice place to visit on foot if you like watching crowds of people, and especially if you like watching drivers have hysterics.

In Cambridge, **Harvard Square** has the most visual appeal for a walking tour, with huge crowds of all descriptions, a tremendous variety of stores and politicizers of all (and we do mean all) types looking for your support. The architecture around Harvard is pretty interesting too, ranging from staid Colonial to futuristic. The banks of the Charles are pretty pleasant here, with a lower pollution level than around MIT, and big grassy areas on either side. There are often free impromptu concerts on the **Cambridge Common** between Harvard and Radcliffe. During the summer, concerts are sometimes held there Sunday at 2pm.

If you're above all that, you can look down on everything from the top of the **Prudential Tower**, the 52-story glass and steel monolith piercing the sky across the river from MIT. It will cost you $1, but if you like viewing people as ants it's worth it. There are pay telescopes there, and if it's a clear day you can see New Hampshire (it's not forever, but it's something). In fact, you can see the beginning of the White Mountains

almost 200 miles away if you have good eyes.

In true one-upmanship style, the new **John Hancock Building** several blocks away has reached a height of 60 stories. After winning national attention for losing nearly all its huge windows, the building has been entirely reglazed, at a cost of $5 million. "The John" now gleams in a sheath of steel and mirror glass, reflecting sunlight into the streets below and producing some strange shadows.

The **Christian Science Center**, just southwest of the Prudential, is a collection of modern buildings associated with the "Mother Church" of this religious group, as well as the central offices of the world famous *Christian Science Monitor.* Tours of the buildings are given when they are not in use, and the reception given to non-members is low-key and friendly. Of special note are the Mapparium, a huge transparent globe which allow you to view things "from the center of the earth," and the Sunday School, an unusual architectural work.

A word of caution regarding walking tours. Boston is a big American city and therefore has some dangerous neighborhoods. Roxbury, Mattapan, Charlestown, South Boston, part of Dorchester and the South End, and the areas around Northeastern University (south of Symphony Hall) at night, are bad places for anybody to be. The North End of Boston is dangerous for blacks and freaks after dark. Certain sections of Cambridge are also pretty grubby, though not so bad as some of the preceding areas. *Don't* go wandering off into unknown neighborhoods unless you know what you are doing. This warning applies especially to foreign students and staff who may not be used to the concept of dangerous neighborhoods in a city.

There are many bus and boat tours of Boston which are good for orientation, fun, and when parents come to town. See the Yellow Pages under "Sightseeing Tours" for more information.

For a somewhat different view of the city, see the multi-media show **Where's Boston** (60StateSt,near Faneuil Hall). It is a collage of slides, music and speech featuring the neighborhoods, traditions, and people that make Boston so special. Shows are held hourly 10-10, and admission is $2.50.

The Boston State House is the Hub of the solar system. You couldn't pry that out of a man if you had the tire of all creation straightened out for a crowbar.

— Oliver Wendall Holmes

Museums and Exhibitions

Boston is richly endowed with museums. One of the most comprehensive museums is the **Museum of Fine Arts** (465HuntingtonAvBoston, by the Fenway,MBTA:ArborwayGreenLine). This museum boasts one of the finest collection of Oriental art in the Western world, excellent selections of Mediterranean and Renaissance art and some fine French impressionistic works. The museum also has impressive collections of American art, notably the works of Winslow Homer and colonial artists. It even has a reconstructed Byzantine chapel with uncomfortable pews in which one can sit and hear recorded Gregorian chants. There are often special showings of selected classical and contemporary artists in some of the more secluded galleries, for which one must pay

extra. This museum is worth repeated and thorough trips. The suggested procedure is to choose some small area and examine it at leisure, then shift to others on succeeding trips. Each Tuesday at 7pm there is a concert, called a Gallery Gig, at no extra charge. A special feature of these concerts, given in various galleries of the Museum, is that many of the ancient instruments owned by the Museum are used. Hours: Tues. 10-9, Wed-Sun, 10-5. Admission: $1.75, $1.25 Sun, free Tues after 5. A $10 student membership, good for one year, entitles you to free admission to the Museum and all special events and to a 10% discount on items over $2 in the gift shop. Discount student memberships for $6.25 are sold at TCA. Recorded information is available at 267-9377 (ANS-WERS). Or try 267-9300 x445 for more information.

The **Isabella Stewart Gardner Museum** (280 the Fenway, one block from MFA, 566-1401) is patterned after a sixteenth-century Venetian palace. It was once the home of the flamboyant Mrs. Jack Gardner, and is stocked with her collection of nearly 2000 pieces of Renaissance Italian art, with a scattering of items from other lands and periods. The artworks are placed in strange combinations and juxtapositions, and are often poorly-illuminated — her will stipulated that *nothing* be changed. The collection includes paintings, sculpture, tapestries, textiles, furniture, ceramics, rare books and manuscripts. There is a beautiful indoor garden growing all year at the core of the building. An excellent series of chamber music concerts is given Tuesdays at 8pm, Thursdays and Sundays at 4pm. Museum hours: Wed-Sun 1-5:30, Tues 1-9:30; closed Mon. Contribution is requested. Call 734-1359 for recorded information on upcoming concert programs.

The Institute of Contemporary Art (955BoylstonStBoston,MBTA:Auditorium,266-5151) sponsors exhibitions by contemporary artists, lectures and special events like children's art shows. Hours: Tues-Sat 10-5; Sun 12-5, Wed open until 9. Admission: $1 for non-members, free Wed 2-9.

The **Museum of Science** (SciencePark, on the CharlesRiverDam between East-Cambridge and Boston,MBTA:SciencePark,742-6088) exhibits objects of a scientific bent, notably a step-by-step model of an appendectomy, a beehive, an alcohol cloud chamber, and strobe displays. The renowned **Hayden Planetarium** is also part of the museum. Hours: 9-5 daily except Sun 10-5 and Fri 9-10. Admission: $3:50 for adults, $2.25 for students and for those under 16 or over 65, free under 5, $1.00 Friday nights 5-9. There is an additional 50¢ charge for the planetarium. For information on laser light shows at the Planetarium, call 723-4586.

The **New England Aquarium** (StateSt at AtlanticAv, on the waterfront in Boston,742--8870,MBTA:Aquarium) has impressive marine exhibits, including an enormous cylindrical tank with glass walls 2½" thick, in which sharks, groupers, sea turtles, and other large marine life live together, calmly ignoring the stares of visitors. Hours: 9-6 weekdays, Friday night until 9, 9-7 Sat, Sun, and holidays. Admission: $4.00 for adults, $3.00 for students with ID and $2.50 on Fridays from 4:30-9, $2.25 for kids 5-15 yrs. Under 5 free.

The **Museum of Transportation** (15NewtonStBrookline,426-6633) displays well-preserved examples of old autos dating back to the end of the 19th century, in an old coach house. It's quite an interesting spot for car bugs. Hours: Sat-Wed 10-6, Thurs-Fri

10-9. Admission: $3.00 for adults, $2.50 for students with ID and children 6-12 yrs, $1.00 on Fridays from 10-9.

Harvard University has six museums in Cambridge. The first four are part of the same complex, which has an admission charge of $1.00, free Fri. Following are brief descriptions, which in no way do justice to the museums. All are fascinating and merit repeated visits.

1. **Peabody Museum of Archaeology and Ecology** (OxfordSt and DivinityAv,495-2248), anthropological museum, many Indian artifacts. Hours: Mon-Sat 9-4:15, Sun 1-4:15.
2. **Geological Museum**, mineral exhibitions.
3. **Botanical Museum**, features a renowned display of glass flowers.
4. **Museum of Comparative Zoology (Agassiz)**, dinosaurs and stuffed animals.
5. **The Busch-Reisinger Museum** (KirklandSt,495-2338), a reconstructed Gothic cathedral, displays medieval German art. Organ recitals 12:15 Thursdays during the school year. Hours: Mon-Sat 9-4:45, closed Sun. Free.
6. **The Fogg Art Museum** (QuincySt,495-2387), built in the style of an Italian palace, houses Harvard's extensive permanent art collection, in addition to a wealth of temporary exhibits. Hours: Mon-Sat 9-5, Sun 2-5. Free.

The **Carpenter Visual Arts Center** at Harvard is the only building in North America designed by Le Corbusier. It usually contains art exhibits. You can often watch artists at work, too.

You will probably need a car to get to the **De Cordova** (259-8355) in Lincoln. The trip is worthwhile; the museum is in a beautifully remodeled house set among 30 acres of parkland. It presents lectures, exhibitions by local artists, classes, films and other educational activities. Hours: Tues-Fri 10-5, Sat 12-5, Sun 1:30-5. Admission: adults $1.50, 50¢ for those under 21. Membership card can be purchased ($30.00-$100.00) which will let you in free to the galleries.

One of the more unusual museums in Boston is the **Children's Museum** (300CongressStBoston,426-8855,MBTA:SouthStation). It has exhibits of interest to children, as well as workshops where they can create their own artistic treasures. There is an education center there as well. Open 10-6 weekdays, Fri until 9. Admission: $1.25 for children, $3.00 for adults, free Fri 6-9.

The **Trailside Museum** (1904CantonAvMilton,333-0690) in the Blue Hills Reservation is also worth visiting. Hours: Tues- Sun 10-5, Admission: adults 50¢, children under 12, 25¢. Live animals native to New England can be seen. While you're there, climb to the top of Big Blue Hill for an excellent view of Boston. Can be reached by bus.

The **Arnold Arboretum** (junction of Jamaicaway, Rte 1 and the Arborway,524-1717,MBTA:ForestHills) is a beautiful 265-acre park filled with over 6000 labeled varieties of trees, vines, and flowers. "No bicycling or picnicking," just walking. Hours: sunrise to sunset. Admission: free.

The **Franklin Park Zoo** (BlueHillAv&ColumbiaRdDorchester,MBTA:GreenSt, then #16 or #29 bus) is filled with hundreds of animals and birds, and thousands of happy children every day. The **Children's Zoo** (442-2216), also in Franklin Park, allows children to mix with and feed small, tame animals. The entire zoo complex is being renovated. The area is dangerous at night, but reasonably safe during daylight. Hours: Daily April-Oct 10-5. Admission: adults $1, children 50¢. Call 442-0991 for recorded information.

At MIT there are several museums. **Hayden Gallery** (in Building 14) houses temporary exhibitions of works by contemporary artists, often including MIT talent. The **Hart Nautical Museum** (Building 5) houses detailed wooden models of ships and pictorial reports on advances in ocean engineering. The **Creative Photography Galleries** (in the Armory) exhibit the works of contemporary photographers. The hallways on the first floor of the main complex have displays relating to MIT's programs and environment, often incorporating a high degree of technical and artistic talent. Higher floors and those in out-of-the-way places show interesting aspects of work done in their respective regions. For instance, the fourth floor of Building 10 outside of Doc Edgerton's strobe lab is full of strobe photographs. Other places to see are the MIT Historical Collections (N52,x3-4444) and the exhibits at the Faculty Club (E52, sixth floor). Every year, around May, the **MIT Open House** has plenty of exhibits and special shows.

Lastly, there are the contemporary art galleries on Newbury St in Boston, some of them traditional and some very avant-garde. They are fun to visit, and may even tempt you to buy something. For rather complete listings of galleries in the Boston area, try *The Boston Phoenix* or *The Real Paper.*

Science proceeds more by what it has learned to ignore than by what it takes into account.

— Galileo

Theatre

Boston and vicinity is an exciting place for theatre, whether you go in for traditional Broadway fare at the palatial, carved-and-gilded Colonial, or for Stage One's wildly experimental style in a theatre that (for some shows) seats only twenty-five. What follows is a partial listing of theatres around the area. For more complete listings, check The *Real/Free Paper* or The *Boston Phoenix/BAD.* Bulletin boards, especially those in the basement of Kresge near the office of the Director of Drama, are also good places to look.

The **Schubert** (265TremontStBoston,426-4520), the **Wilbur** (252TremontStBoston,-423-4008) and the **Colonial** (106BoylstonStBoston,426-9366)are the three large Broadway-style theatre houses in Boston. They often preview Broadway plays, so you can see a new hit with the original Broadway cast. Then again, you could see a real bomb, but that's the risk you take with any performance. Tickets may be ordered by mail of purchased at the box office. Or if you have a credit card, they may be reserved by calling **Theatre Charge** (426-8181).

The **Charles Playhouse** (76WarrentonStBoston,426-6912) occasionally shows Broadway productions, though it is more well known as Boston's off-Broadway theatre.

The **Boston Center for the Arts** (539TremontStBoston,426-5000) provides studio and performing space for several small theatre groups. The Boston Art Theatre, Boston Lyric Opera, City Stage, Massachusetts Center Repertory Company, Onyx Repertory Ensemble, Stage One, Theatre Workshop of Boston, and We Tickle the Earth's Belly all operate out of BCA. **Massachusetts Center Repertory Company** is a well established group and one of the few equity repertory companies in Boston. **Onyx Reper-**

tory Ensemble, formed in 1976, specializes in Black drama. **Stage One** is known for its concentration on imaginative acting. **We Tickle the Earth's Belly** does experimental theatre, including mime and children's theatre. Ticket prices for all BCA performances vary widely.

Boston Shakespeare Company (267-5600) is a young repertory company that has gained much popularity for its lively and ingenious interpretations of Shakespeare. Performances are held in a newly designed theater in Horticultural Hall (across from Symphony Hall). Tickets are usually between $4.00 and $7.50.

The Cambridge Ensemble (OldCambridgeBaptistChurch1151MassAv,876-2544) is another popular and fairly successful group. Their season consists of four new and unusual works, plus two children's plays. Tickets run about $4.00 to $5.00.

The **Lyric Stage** (54CharlesStBoston,742-8703) is one more small group that has been putting on high quality performances. They specialize in classic plays by such authors as Ibsen, Pinter, and Williams. Also take note of their interesting arrangements for intermission. Prices for tickets vary, but are usually around $5.00.

The **People's Theatre of Cambridge** (1253CambridgeStCambridge,354-2915) puts on productions of generally quite pleasant quality and price. Quite a few MIT community members have been seen onstage and backstage here.

Pocket Mime Theatre (266-1770) does classic nineteenth-century mime, but has also been known to do exciting experimental work. An ensemble almost exclusively devoted to performing, they tour in the New England area. See them at least once while you're here. One of their members is a former Dramashop president and MIT student. Amazing where a technical education can put you. . .

Collegiate groups are also responsible for much theatre around Boston. **MIT Dramashop** (W16-018,x3-2908) does all sorts of straight drama from experimental one-acts to professionally designed and directed full scale productions. The **MIT Musical Theatre Guild** (W20-453,x3-6294) puts on (surprise!) musicals of all sorts. The **MIT Community Players** also put on an assortment of types of drama, while **The Shakespeare Ensemble at MIT** specializes in scenes and plays by Shakespeare. The foremost of those outside of MIT is Harvard's **Loeb Drama Center** (64BrattleStCambridge,864-2630). These productions are usually of high quality, and the theatre also hosts touring companies from New York, such as La Mama, and beyond, such as Theatre de L'Obelisque from France. There are also occasional plays at most of the Harvard houses and at Agassiz Theatre in Radcliffe Yard. Other excellent groups among the colleges include the **Spingold Arts Center** at Brandeis University in Waltham (894-4343), the **BU Theatre** (264HuntingtonAvBoston,353-3392), and the **Tufts Arena Theatre** in Medford (623-3880). Wellesley also has several theatre groups worth looking into.

Many of the smaller theatres and most of the collegiate groups offer chances for involvement both onstage and backstage. The bulletin boards in Kresge have notices of upcoming shows and tryouts as well as courses and scholarships. Robert Scanlon and

Joseph Everingham of the Drama section of the Humanities Department are good people to talk with about theatre in the area.

Nature and nature's laws lay hid in night,
God said 'let Newton be' and all was light.

— Pope

Film

Most popular films at MIT are presented by the **Lecture Series Committee** (LSC,W20-469,x3-3791), which also sponsors lectures by famous personalities from time to time. An entertainment series featuring recent films is shown in 26-100, Kresge, or 10-250 on Fridays and Saturdays; you need an MIT or Wellesley ID to get in. The public at large is allowed to attend the Sunday film series in 26-100. During the summer, a film series is also presented. Admission is 75¢ for all movies; schedules may be picked up at the Information Office (7-121) or at LSC. Call dormline 5-9179 for a recording about upcoming movies. You can also buy an LSC Superticket for $15 which entitles you (with guests) to a total of 20 admissions during the year. It isn't any cheaper, but it saves you from waiting in the long ticket lines.

At MIT, there are several groups which put on films. The **MIT Film Society** presents experimental and classical works Friday nights in Room 6-120; admission is $1. The **Humanities Department** has free films related to class discussions,but often excellent in their own right (get schedules from Course XXI headquarters). The **nationality clubs** often show the better films from their native lands. All MIT showings are usually announced on the bulletin boards and in *Tech Talk.*

The Student Center Committee runs the **Midnight Movie Series** on Saturday nights at midnight in the Sala de Puerto Rico in the Student Center. These movies are free with an MIT or Wellesley ID. Schedules are available at the SCC office (W20-347) at the start of each term.

Commercial movie houses cover the entire spectrum. During afternoon performances, prices can be as cheap as one buck. And if you make the mistake of attending an evening performance at the Sack 57, on the other hand, they'll milk you for $4. Check newspapers for listings.

Music

Classical

Boston is a great city for all types of music. In the classical field, the foremost performing organization is the **Boston Symphony Orchestra (BSO)**, undeniably one of the world's finest orchestras. The music director is Seiji Ozawa. A favorite of Boston audiences, he is great fun to watch as well as listen to. Other outstanding conductors like Colin Davis and Klaus Tennstedt, make frequent guest appearances.

Concerts are given in the nearly acoustically-perfect Symphony Hall (corner of MassAv and HuntingtonAv in Boston) on Friday afternoons, Saturday nights, and assorted Tuesday and Thursday nights. They are divided into several series, which are sold on a subscription basis at Symphony Hall. There is also a set of eight open rehersals, sold singly or by the set. These feature unreserved seating, informal dress, and a run-

through and rehearsal of the coming Friday-Saturday pair's program.

Tickets can be acquired in many ways. First, one can buy a subscription for a series at Symphony Hall. This is a good buy, with a guaranteed location and renewal rights, if you know you'll be free and interested in going to all the concerts (or you can sell the extra ones). For single tickets (that is, any number of seats for a single concert), you can try the Symphony Hall box office (266-1492) four weeks in advance. They often have seats for sale for weeknight series, but they are at full marked price. TCA (W20-450,x3-4885) often gets singles given to it by MIT community members who can't use their subscription seats on a given night — check with TCA and look on the music library bulletin board. Also, you can get open rehearsal tickets at a discount from TCA. Watch the TCA bulletin board for information about when the open rehearsals occur. Symphony Hall also offers tickets cheaply on two plans. One is "rush seats," in which 150 tickets are put on sale for $1.50 two hours or so before the concert time on Friday or Saturday (for a popular concert, get there very early). The other is "student tickets;" tickets left unsold ten minutes or so before the concert time are sold at $3 (regardless of face value) to students with ID's at the Huntington Avenue entrance to the hall (not the main box office). Student tickets are available for most series, but weeknights are the best bet.

The BSO minus its first-chair players performs "light" classics and popular music as the **Boston Pops Orchestra** from mid-April through late June. Pops programs are long streamers which can sometimes be found around MIT. The seats on the floor of Symphony Hall are replaced by tables, and the suit-and-tie patrons by noisy champagne drinkers, but it's all in the Pops' style. If you go, try to sit on the second balcony in order to avoid the noise from the floor. "Tech Night at the Pops" is generally attended by alumni; it has recently featured Institute faculty soloists, and is worth hearing.

First-chair players of the BSO comprise the **BSO Chamber Players**. They give several concerts a year in Sanders Theatre. Information can be obtained through Symphony Hall. Tickets can be obtained through subscription by Symphony Hall only. This chamber ensemble is one of the very best around.

The other professional orchestra in town is the **Boston Classical Orchestra**. Conducted by F. John Adams, this chamber Orchestra performs primarily 18th century works. The three yearly concerts are performed in Faneuil Hall. Call 426-2387 for more information about concerts, dates and prices.

There are two operatic companies which perform in Boston. The (**New York**) **Metropolitan Opera** usually comes here in April on its annual tour, with a general sampling of its justly famed star singers. It performs in the John B. Hynes Civic Auditorium, which looks and sounds like a barn. Information is generally posted in the Music Library. Ticket orders for priority seating may be made at TCA in late January.

The **Opera Company of Boston** (172NewburySt,267-8050) is a local company run by Sarah Caldwell. It features both local and out-of-town top-notch performers. Sarah Caldwell is excellent at directing and producing operas, and the final product is always outstanding. Performances are held at the newly renovated Savoy Theatre, and tickets

are regrettably expensive. The best way to get tickets is through a series subscription; tickets bought singly are 25% more expensive and are available only two weeks before a performance. For impoverished students willing to wait until the last moment, rush tickets (assuming there are still seats left) go on sale half an hour before performances.

Boston probably has more good choral music than anywhere else in the country. The **Handel and Haydn Society**, which has been around since the early 1800's, gives six performances a year. The highlight of its season is its annual performance of Handel's *Messiah* in Symphony Hall at Christmastime. Thomas Dunn, the music director of the society, is an expert on proper musical style, and each year the Society reproduces an actual performance of Handel's as exactly as possible. They tend toward an unusual choral and orchestral repertoire (the name is narrower than the Society). The only sour note is the outrageous price of tickets. For ticket information call 266-3605.

Less well known, but no less fine are the **Cantata Singers** (625-7410) and the **Cecilia Society** (232-4540). The former group primarily performs Baroque works, although they occasionally include contemporary pieces. The Cecilia Society has a broader repertoire. Both groups perform at Sanders Theatre.

The **MIT Choral Society** presents four or five exquisite concerts every year under the direction of John Oliver, who conducts the Tanglewood Festival Chorus during the summer.

The next item is too diversified to fit into any one category. It is the **Boston University Celebrity Series**, which brings dozens of superb artists to Boston, performing in Symphony Hall, Jordan Hall and occasionally other places. Check their flier, which is available in the Music Library and at TCA. Tickets may be bought on a subscription basis from the BU Celebrity Series (31StJamesAveBoston,482-2595) or individually from the concert halls involved.

Another outstanding guest artist series is sponsored by **Boston Concert Artists Mangement** (95WestbourneTerrBrookline,731-9786). Performances are held at Symphony Hall. Discount tickets can be ordered at TCA (x3-4885).

The **Cambridge Society for Early Music** brings several guest artists each year to Sanders Theatre. Subscriptions are a good idea — things get sold out quickly. Boston also has its own superb early music chamber group, the **Boston Camerata**, directed by Joel Cohen. They perform three times a year at Jordan Hall and Sanders Theater.

The **Peabody-Mason Music Foundation** brings guest artists for six concerts to Sanders; tickets are free (funding came from Mrs. Mason's bequest). To get one, you have to write a letter postmarked no sooner than one month before the concert, enclose a stamped, self-addressed envelope, and mail it to the Peabody-Mason Music Foundation, P.O. Box 153, Back Bay Annex, Boston 02117. Send your request (no more than 2 tickets per person) very soon after the one month limit, as tickets go very quickly. A wide variety of chamber works is presented. A schedule can generally be found in the Music Library.

Boston has a resident ballet group, **The Boston Ballet** (19ClarendonStBoston,542-

3945). The season runs from November to May and often features outstanding guest dancers. Check the bulletin board at TCA for this year's schedule. Tickets may be purchased singly or as a subscription, and student discount tickets can be ordered at TCA (W20-450,x3-4885).

Local schools of music often present recitals by students and staff which can be excellent and are usually free of charge. **The New England Conservatory** (290HuntingtonAvBoston,262-1120) publishes a monthly listing of performances there. Of special note are that school's symphony orchestra, chorus, and ragtime ensemble. Also try the **Berklee College of Music** (1140BoylstonStBoston,266-3525) and the **Longy School of Music** (1FollenStCambridge,876-0956).

Within MIT itself there are several sources of music. The Humanities Department sponsors free noon-hour chamber music concerts on Thursdays in the Chapel. Periodically there are concerts in the Building 7 Lobby. The Music Department sponsors a series of evening concerts throughout the year. Performances are by outside artists, many of them well known (e.g. the Guarnieri Quartet), and the concerts are generally free and open to the public.

Of special interest are the following groups that not only provide excellent performances throughout the year but also offer the opportunity to participate. The **MIT Symphony Orchestra** is open to MIT and Wellesley students and alumni. Its repertoire combines standard classical works with a significant amount of contemporary music. This highly acclaimed college ensemble augments its Cambridge season with a spring tour. The **MIT Concert Band** is open to the entire MIT community. Performances include specially commissioned works. The **Concert Jazz Band** and **Festival Jazz Ensemble** are open to the entire MIT community, and perform works by young Boston area musicians. The **Choral Society** is a mixed chorus open to the entire MIT community, and new members are always welcome. The **MIT Chamber Music Society** is also open to all members of the MIT community. This group provides coaching by music faculty and staff for all kinds of chamber ensembles. Groups whose work leads to performance can receive undergraduate seminar credit. The Society sponsors monthly concerts in the Music Library, as well as an evening series in Kresge Auditorium. Included in The Society are the **MIT Brass Ensemble**, the **Logarhythms** (barbershop quartet music), and the **Gospel Choir**.

Membership in the above groups is by audition, usually held early in September. For more information call the Kresge Music Office, x3-2906. The best places to find out about performances given by these groups are the kiosks and bulletin boards around the Institute, or check the listings in *Tech Talk* and the calendar put out by the Council for the Arts.

For most of the above events there are standard sources of information that can be checked regularly. The MIT Music Library maintains a bulletin board with concert announcements, as does the music department on the second floor of Bldg. 14. TCA has a bulletin board in its office (4th floor, Student Center) and one at the junction of Buildings 12 and 4. There are concert listings in several papers, especially *The Boston Phoenix/B.A.D.,The Real/Free Paper,* the *Boston Sunday Globe,* and the *Calendar* section of the Thursday *Globe.* Also check the *WCRB Guide* (recommended for people

who like classical music) and *Boston Review of the Arts.* The Symphony Hall box office is the place to call for information on all events at the Hall, including BSO concerts. Jordan Hall (536-2412) is the location of New England Conservatory concerts and of other events.

During the summer there are performances by various groups on many of the city's parks and along the Esplanade in the Hatch Shell. The Boston Pops play free here during the first two weeks of July, but it can be very crowded. The BSO moves to Tanglewood in western Mass. for the summer. For information, call 266-1492.

Folk

The center of the Boston folk scene is **Passim** (47PalmerStHarvardSq), which attracts nationally famous performers, and charges $2 to $6 depending on the performer and the night. The **Joy of Movement Center** (OddFellowsHall536MassAvCentralSq) has weekly folk concerts on Friday or Saturday nights that are well worth the donation ($3) that they request. **Nameless Coffeehouse** (3ChurchStHarvardSq) is free, and always jammed to the gills. The quality of performers is quite varied. **Sword and the Stone** (15CharlesStBoston) is Boston's oldest folk club and frequently features jazz and pop artists as well as folk. Three Cambridge bars are famous for the musicians they attract: **Inn-Square Mens Bar** (InmanSq), **Club Zircon** (289BeaconStSomerville) and **Plough and the Stars** (912MassAvHarvardSq). Plough and the Stars is an Irish pub, with Irish music on tradional instruments. Club Zircon's special night is Monday, when everyone joins in an open sing. **Jonathan Swifts** (30BoylstonStHarvardSq) sometimes books top folk performers in addition to their staple of rock and jazz. Tom Paxton and the Kingston Trio are regulars — tickets should be bought in advance.

On campus, the **Student Center Committee Coffeehouse** meets bi-weekly in the Mezzanine Lounge. Contact the SCC (W20-347,x3-3916) if you want to perform. The **Baker House Pub**, open erratically (usually once a term), also features MIT folkies. Talk to the Baker House social chairman for information. Other colleges, notably Harvard, also sponsor folk concerts which can be quite rewarding.

Boston Area Friends of Bluegrass and Old-Time Country Music (BAF) holds concerts and runs bluegrass and country music festivals. You can get on their mailing list by sending $1 to BAF, 36 Lancaster St, Cambridge, MA 02140. **Living Folk Records and Concerts** (65MtAuburnStCambridge) distributes announcements of their upcoming concerts free on request.

To spend too much time in one's studies is sloth.

— Bacon

Rock

Rock music is all over, sometimes at coffeehouses, more commonly at regular concerts. For these, check either directly at the Boston Garden (277-3200), the Music Hall (TremontStBoston,423-3300), the Orpheum (WashingtonStBoston,482-0650), the Paradise (969CommAveBoston,254-2052), the Palladium, or at Out of Town ticket agencies, such as the one in Harvard Square (492-1900). These agencies sell tickets to shows at most locations with a $1.50 service charge. Other agencies include Strawberries (30BoylstonStCambridge,354-6232;or411WashingtonStBoston,482-

5257), Hub Ticket Agency (110StuartStBoston,426-8340), Tyson Ticket Agency (226TremontStBoston,426-2662), and Concourse Ticket Agency (SouthStationBoston,542-3905). If you have tickets that you cannnot use, call TCA. They will try to sell them for you.

Boston's huge college population is constantly pulling in the top performing and recording groups, and you need only to keep your eyes open to find announcements. *Rolling Stone* magazine tells about upcoming events and concerts also. Sometimes MIT will sponsor rock concerts, but this practice has faded somewhat recently due to budgetary embarrassments.

Several coffeehouses that occasionally feature rock bands are Jack's (952MassAveCambridge), Paul's Mall (733BoylstonStBoston), Sugar Shack (110BoylstonStBoston), and Outside-in (1296BoylstonStBoston).

A guitar's all right, John, but you'll never earn your living by it.

— John Lennon's aunt

Jazz

With the closing of **Paul's Mall** and the **Jazz Workshop**, jazz fans have turned to smaller bars for good local jazz and to concert halls for big name performers. Inman Square, in Cambridge (take Bus 83 or 91 from Central Square), boasts several good places. **1369 Jazz Club** has some of the best music in Boston and features latin, avant-garde and mainstream jazz for a small cover. Also in Inman Square are **Ryles** (fancier with standard jazz downstairs and new wave upstairs) and the **Inman Square Men's Bar** (ladies are invited to the folk and jazz events).

In Harvard Square, the **Sunflower** Cafe attracts local talent and has a Sunday afternoon Jazz Brunch worth trying. **Jonathan Swift's** also in "the Square" has started featuring nationally renown jazz artists.

Speakeasy, in Central Square, is just about the only blues and boogies place in the area. Another local jazz hangout can be found at **Michael's Pub** (behind Symphony Hall) where the great pianist Jaki Byard with his Apollo Stompers appear almost every Wednesday.

The top name jazz performers generally appear at one of four places in Boston. **Sandy's Jazz Revival**, (in Beverly), books excellent musicians into its night club atmosphere. The **Berklee Performance Center** and **Symphony Hall** can accomodate the large numbers of people necessary for top name performers. **Lulu White's** is located in the South End of Boston. They present popular mainstream (jazz musicians) and serve fantastic Creole food. The combination of fine music and superb food makes for a delightful, if slightly expensive, evening of entertainment.

Coffeehouses

Coffeehouses are pleasant places to study, talk, and relax. Some, such as Reflections and Cafe Vendome, have music every night. Others simply have tea, cake, and a pleasant ambiance.

Algiers (TrucComplexBrattleStCambridge,492-1557,MBTA:HarvardSq) Cozy basement coffeehouse, with interesting coffees. At random times guitar pickers visit and perform for free.

Blue Parrot (123aMtAuburnStCambridge,491-1551,MBTA:HarvardSq) Good food, bright cheery atmosphere, well-chosen recorded music.

Cafe Gallery (73DartmouthStBoston,247-8040,MBTA:CopleySq) Small neighborhood coffeehouse. Features poetry readings Wednesday, Thursday, and Friday nights. Closed Saturday night. Very friendly, comfortable atmosphere. Closes 10pm, unless the poets won't quit.

Cafe Pamplona (12BowStCambridge,MBTA:HarvardSq) No music, unexciting, good place to study.

Cafe Vendome (160CommAvBoston,536-3556,MBTA:Copley) Live music every weekend, terrible food, crowded on weekends.

Charles Street Meetinghouse Cafe (70CharlesStBoston,523-0368,MBTA:Charles) The place to go to relax after a night on the town. Serves standard deserts, coffees, teas, and snacks. Occasionally presents plays, poets, and folk musicians.

Coffee Connection (TheGarageBrattleSt,492-4881,MBTA:HarvardSq) Excellent coffees, stale pastries, and apathetic waitresses. Sit at the coffee bar if you want to be served. Of course, if you don't want to be bothered. . .

Greenhouse Coffeeshop (3BrattleStHarvardSq,354-3184,MBTA:HarvardSq) A coffeehouse in a greenhouse. (What will they think of next?) Interesting, but go while it's still there.

Grendel's Upstairs (87WinthropStCambridge,491-1757,MBTA:HarvardSq) Quiet recorded music, good pastries and coffees. Try their pomegranate frappes. Waiters are friendly, and there are flowers on every table. Open to 1am weekends. Pastries are half price after 10pm weeknights.

Legal Sweet Shop (239HampshireStCambridgeInmanSq,661-6513,MBTA:Bus83-fromCentralSq) Serves fresh coffees and pastries.

Nameless Coffeehouse (3ChurchStCambridge,864-1630,MBTA:HarvardSq) Friday and Saturday nights only. Free, live folk music. Frequently very crowded.

Off the Wall (call 354-5678 for current address) Dark and comfortable. Features short movies every night. Small cover.

Passim (47PalmerStCambridge,492-7679,MBTA:HarvardSq) Only barely a coffeehouse. Better classified as a folk club, they have nightly concerts by the top local musicians, and an expensive cover.

Piroschka (24DunsterStCambridge,354-8376,MBTA:Harvard Sq) An attempt at a European ambiance. No music.

Sword and the Stone (15CharlesStBoston,523-9168,MBTA:Charles) Just over the Longfellow Bridge from Kendall Square.

Up from Under (136RiverStCambridge,491-6930,MBTA:Central) In the Red Book Store.

If at first you don't succeed, you're out.

— Babe Ruth

What do you get when you cross an elephant with a grape?
(elephant) (grape) (sin ϕ)

— Dan Franklin

What do you get when you cross an elephant with a mountain climber?
Nothing, a mountain climber is a scalar.

— Rick Hester from *The Last Word*

Note: Check the *Boston Phoenix* and the *Real Paper* for current information. Almost every college in the area has its own coffeehouse during the academic year. At MIT, the SCC Coffeehouse presents folk talent from MIT in the Student Center mezzanine lounge alternate Friday evenings. Don't neglect Harvard's coffeehouses — they can be quite good. Read *What is to be Done* distributed on campus Thursday afternoon.

The **24 Hour Coffeehouse** in the Student Center sells donuts, bagels, candy, coffee, fruit drinks, and some other items. A piano is available, and musicians are encouraged to perform at their convenience. Their phone is x3-7972. The **Muddy Charles Pub**, operated by the GSC, is open in Walker during lunch. The pub serves beer, wine, and munchies.

Bars

Some bars feature music, some dancing, and some just booze. Prices vary widely and are usually higher at larger, more elaborate establishments. Here we list some of the more interesting bars.

Backroom at the Idler (123MtAuburnStHarvardSq) Loud and crowded Rock.

Black Rose (160StateStBoston,523-8486) Irish and folk music.

Casablanca (TrucComplexBrattleStHarvardSq,876-0999) Rock for the Harvard crowd.

The Club (823MainStCambridge,491-7313) Dancing to live bands.

Eliot Lounge (370CommAve,atMassAveBoston,262-5155) Plush, expensive bar. A nice place to take a date after a night on the town.

Father's (300MassAveCambridge,661-3394,1BowStHarvardSq,354-8324,33Mass-AveBoston,661-3394 and elsewhere) The closest bar to MIT that attracts the student population (Paradise Café is actually closer, but it caters to a more 'mature' crowd).

Frankenstein's (corner NewburySt and MassAveBoston,266-8419) Has "every beer that's fit to drink and some that aren't" along with giant hotdogs with all the toppings

you can eat. Two free (you pay $2.00 for a yearly pass) movies are shown twice nightly starting at 7pm. New movies start every Monday night. A fun place to go with a group.

Inn-Square Men's Bar (1350CambridgeStInmanSqCambridge,354-8458) Folk and jazz bar. No cover.

Jack's (952MassAveCambridge,491-7800) Good music and no cover, resulting in a long line outside every night.

Jonathan Swift's (30BoylstonStHarvardSq,661-9887) Jazz and Rock bands. No dancing, variable cover.

Oxford Ale House (36ChurchStHarvardSq.876-5353) Dance.

Plough and Stars (1912MassAv,354-9214) Traditional Irish pub.

Pooh's (464CommAvBoston,262-6911) Jazz.

Rise Club (485MassAveCambridge,354-2457) Disco music.

Ryles (212HampshireStInmanSqCambridge,876-9300) Jazz and salad.

Speakeasy (22NorfolkStCambridge,354-2525) Blues and Soul.

Spanky's (334MassAveCambridge,354-8600) Popular with Cambridge natives.

1369 Jazz Club (1369CambridgeStInmanSqCambridge) Mellowest jazz in town.

Discos

Discos are interesting places to dance, drink, and meet new people. Most discos have substantial cover charges, though some are free weeknights.

Boston/Boston (15LansdowneStBoston,262-2424) Spectacular, Plush, expensive disco, with excellent dancing and lighting.

Celebration (KenmoreSqBoston,536-1950) Plush disco pick-up. Crowded weekends.

Kimmy's (237MassAveCambridge,354-8166) Despite extreme proximity to MIT, Kimmy's attracts a varied and interesting crowd. Good lighting and dancing.

Kix (590CommAveKenmoreSqBoston,266-7050) Straight, relatively formal disco.

Lucifer's (KenmoreSqBoston,536-1950) Plush pick-up bar, featuring big-name bands and dancing.

Somewhere (295FranklinStBoston,423-7730) Gay, mostly women, comfortable.

Styx (31HuntingtonAveBoston,247-3910) Back Bay gay men.

1270 Club (1270BoylstonStBoston,261-1257) Highly recommended disco for gay men and women.

Outdoor Recreation

Although a metropolitan area, Boston is not far from a large variety of outdoor recreation facilities. All of New England from Cape Cod to the Canadian border is within a few hours' drive, and the variety of possibilities open to people who enjoy the outdoors is impressive.

The **Metropolitan District Commission** (MDC,20SomersetStBoston,727-5215) has

information on boating, beaches, public pools and skating rinks. It also manages the major parks and the Blue Hills Reservation, which is a ski area in winter, and a popular picnic resort in the summer. Write them for a copy of their excellent map.

Fishing and hunting information comes from the **Massachusetts Fisheries and Game Division** at 727-3151.

There are a number of nature reserves owned by the Massachusetts chapter of the **Audobon Society** that are well worth visiting. Information on them can be obtained by writing the Society at Rt118 in Lincoln, MA.

Beaches

The MDC operates **Revere** (in the north) and **Wollaston** (in the south) Beaches, which are unimpressive, even cruddy, but reachable by MBTA. Revere Beach is basically an amusement park, a watered down Coney Island, as is **Nantasket** Beach. Nantasket is accessible by boat from Rowe's Wharf on Atlantic Avenue.

General MDC information is available at 727-5215.

The more popular (and better) beaches are further along the coast, and one needs a car to get to them.

On the North Shore: **Crane's Beach**, off Route 1A in Ipswich, charges $4.75 per car on weekends and $2.50 on weekdays. **Wingaersheek Beach** in Ipswich Bay,charges $4 on weekends. **Plum Island** is a long and beautiful beach with limited but cheaper ($1 per car) parking. **Nahant** on a peninsula just north of Boston, is nice and close by, but (as a consequence) often crowded. **Caution:** The water on these North Shore beaches wouldn't melt an iceberg.

On the South Shore: **Nantasket Beach** has an amusement area (larger than Revere's), and **Duxbury Beach** is 35 miles south of Boston off Rte3. Further south are **Cape Cod** with infinite beaches, and **Nantucket** and **Martha's Vineyard** islands.

On **Cape Cod** there are several peculiarities to be noted. First, the rush day for this place is Sunday, when all of Boston deposits itself on the Cape. Since the road facilities for getting on and off the Cape are limited, massive jam-ups result in the evening when everyone tries to go home simultaneously. The obvious solution is to go on a weekday, but if that proves impossible you can avoid the rush by starting at about 6am and heading home not later than 2:30pm, which takes quite a bit of willpower. Also, the best beaches in terms of water conditions are **Nauset** and **Coast Guard** on the eastern shore of the Cape. Since they, like everywhere else, quickly get crowded, you may have to walk one or two miles from the parking lot (north on Nauset, south on Coast Guard) to avoid solidly packed people. The **Cape Cod National Seashore** is undeveloped, but much less crowded.

Ferries run to the islands. The best way to get around once you're there is by bicycle. They can be rented on the island. However, the quality of the rented bikes varies, so bringing your own is a better idea.

If you go to the beach during June or July, bring along some bug dope (insect repellent) or you will be eaten alive.

The MDC maintains public beaches for fresh-water swimming at **Upper Mystic Lake** in Winchester and **Houghton Pond** in the Blue Hills Reservation in Milton. **Walden Pond** in Concord has a public beach run by the state.

Canoeing

There is an excellent place to canoe within reach of public transportation. The **Charles River Canoe Service** (527-9885) is near MBTA Riverside station, and rents canoes on the surprisingly beautiful upper Charles River. **South Bridge Boat House** (369-9438) also rents canoes on the Sudbury River in Concord, within walking distance of the Concord railroad station (less than an hour's ride from North Station). The MIT Outing Club (W20-461,x3-2988) rents canoes and runs flat and white water trips. The Appalachian Mountain Club also sponsors trips, and publishes a guide to canoeing in New England.

A heart full of courage and cheerfulness needs a little danger from time to time, or the world gets unbearable.

— Friedrich Nietzsche

Hiking, Mountain Climbing, Backpacking, Etc.

New England abounds in beautiful mountains and interesting trails. The **White Mountain National Forest** in New Hampshire, the **Green Mountains** in Vermont, **Baxter State Park** and **Acadia National Park** in northern Maine are areas especially worth visiting. Although the mountains in the Northeast are small by Western standards (the highest, Mt Washington, is 6288 ft), they should not be belittled. Treeline is about 4500 ft, so there are many open ridges, and many of the trails are steep and rough. Severe New England weather (Mt Washington holds a record for its 231 mph gust) adds to the challenge. Even during the summer the weather in the mountains is violent and highly unpredictable. Take a map, compass, and adequate clothing before venturing out there.

The **Appalachian Mountain Club** (AMC,5JoyStBoston,near the Common,523-0636) maintains hiking trails and shelters throughout the Northeast. They publish maps and guidebooks to the area which are sold there, at outdoor specialty shops, and at The Coop.

If you're contemplating almost any kind of outdoor activity (hiking, backpacking, rock climbing, canoeing, bicycling, crosscountry skiing, snowshoeing, or ice climbing) the place to go for information is the **MIT Outing Club** (MITOC,W20-461,x3-2988). They sponsor trips, have up-to-date information and good advice, and even rent equipment to members or people on club-sponsored trips. They also have two cabins in New Hampshire (one in Intervale and one near Plymouth) that are often used for club trips and may be rented by other MIT groups. MITOC meetings are held Monday and Thursday 5-6pm. New members are always welcome. Sign-up sheets for trips are posted on the club's bulletin board next to the Medical Department. Membership costs $3.

Other organizations that run trips and give beginner's classes are AMC, **Sierra Club**

(373HuronAvCambridge,869-9330), and **American Youth Hostel** (251HarvardSt-Brookline,731-5430).

Other outdoor clubs at MIT are:

White Water Club — (6-432,x3-5319) White water canoeing and kayaking.

MIT Soaring Association — (33-222,x3-2278) Free instruction to anyone in MIT community. Meets third Thursday of each month, 7:30, Student Center.

MIT Scuba and Skin Diving Club — For information, call the swimming pool (x3-4489).

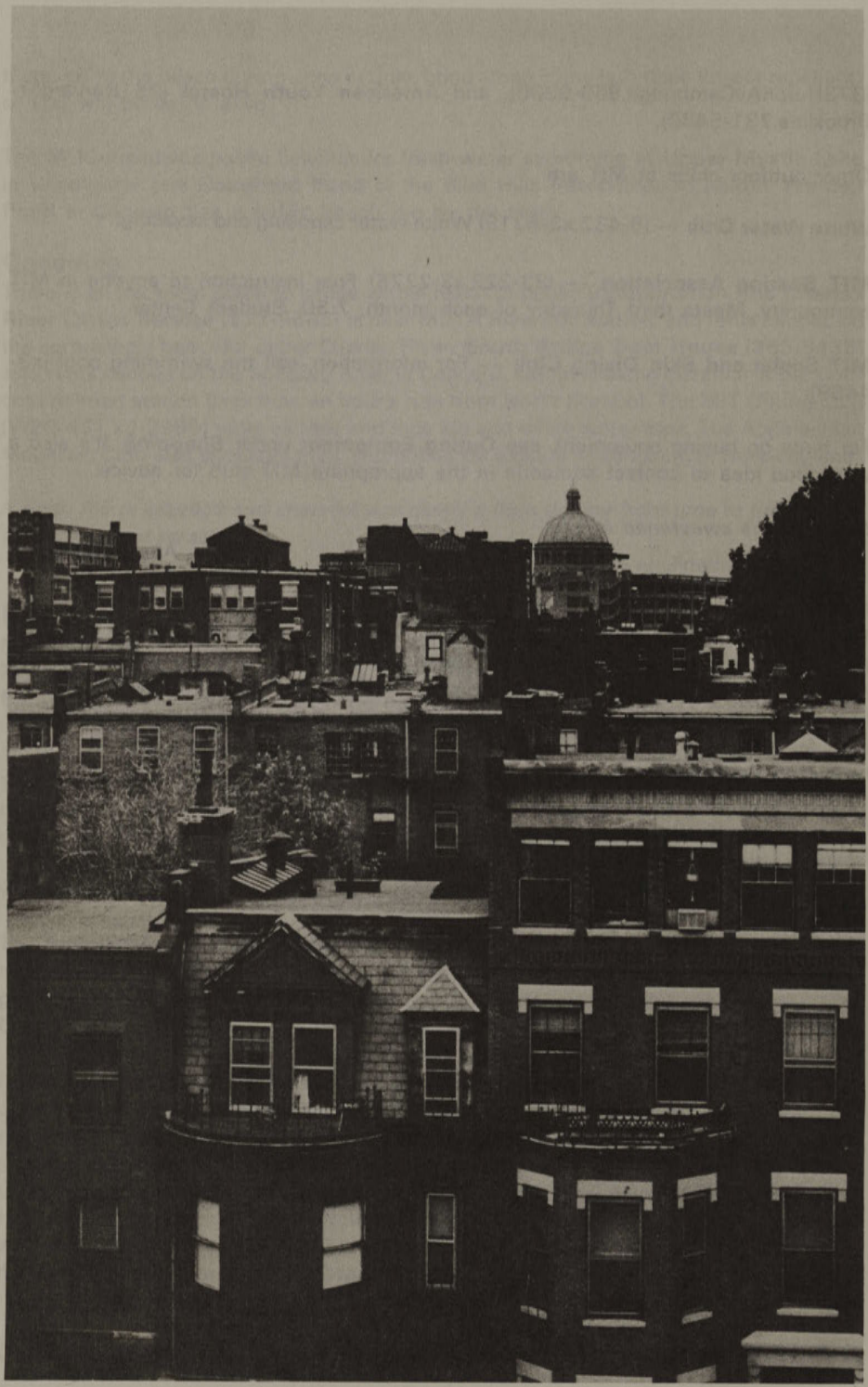
For hints on buying equipment, see **Outing Equipment** under **Shopping**. It's also a very good idea to contact someone in the appropriate MIT club for advice.

Everything is sweetened by risk.

— Alexander Smith

Golf

The Boston area does not have many good public golf courses, and most are rather far from MIT. The better courses include **Brookline Municipal** (expensive unless you live in Brookline), **George Wright** in Boston and **Ponkapoag** in Canton (which has 36 holes and low greens fees). There are also a number of privately-owned courses with daily fees; these are usually more expensive but better-kept. **Stowe** has 36 difficult holes and **Powderhorn** is a good par 3 course in Lexington.



Housing

Living conditions can affect both your social and academic success while at the Institute. Accordingly, great care should be taken in deciding where to live, since transfers become increasingly difficult as the extent of the change increases (see **Moving Between Modes**).

Note: Like most large urban areas, Boston and Cambridge have an ample supply of individuals who make it their business to relieve you of any movable item not securely locked away. *Don't say we didn't warn you!*

There are four types of housing available to MIT people: dormitories and on-campus apartments, fraternities, MIT-affiliated independent living groups, and off-campus apartments. Students with housing problems can turn to Dean Bob Sherwood (7-133,x3-4051). For off campus housing information consult the Off-Campus Housing Service (E18-301,x3-1493).

Dormitories

The best places to find information on dormitories are the *Undergraduate Residence Book* and *Welcome to MIT: A Practical Planning Guide for New Graduate Students.* Both are available from the DSA office (7-133). A few homemaking hints are listed below.

Physical Problems with Dormitories.
The desk staff and house manager can handle a wide variety of problems arising from the physical considerations of the dorm. Some dorms have listings of services provided, either posted or available for inspection. Ask. Complaints about desk staff should be made to the staff captain.

Humidity — During the winter, low humidity seems to be quite common in dormitories. If you continually wake up in the morning with a sore throat, try placing a few cans or dishes of water on the radiator. You'll be surprised how fast the water goes away, and even more surprised by what it leaves behind.

It is perfectly clear that this is very ambiguous.

— Ralph Feldberg

Painting or Remodeling a Room — The Institute provides free paint in any of 8 colors to residents of East Campus, Senior House, and Bexley, once per year per room. To get paint, go to your house desk and choose your hues; the paint will be delivered there. Residents of other dorms should check with the manager before touching a brush to the wall as they may be forced to pay to have the walls returned to their original color. One thing to remember is to order paint very early, it takes time to get it.

Non-destructive remodeling is OK in most cases as long as the room can be restored to its original state. The newer dorms tolerate less self-expression but if you wish to do something, check with dorm authorities first! Painting in the newer dorms may be considered a serious offense. Your $50 deposit will be refunded when you leave the dorm system, provided your room is no worse for your having lived there, except for normal wear and tear.

Pets — Pets are not allowed in the dormitories. While this rule has not been rigidly enforced in the past, complaints have increased recently. Tolerance of any animal's stay is subject to veto by any member of the living group since the Housing Office will then have to enforce the regulation. If you want to keep your beloved animal, make sure that your neighbors are not disturbed by noise, smell or sand trays in their way.

Wild Animals (Squirrels, Snakes and Bugs) — Despite appearances, the squirrels living on the East Campus are *not* tame. Don't leave food lying around your room in cardboard containers or plastic bags — the squirrels will gnaw through the window frame if they smell anything. Also, some of the biggest cockroaches in the East, as well as assorted mice, caterpillars, mosquitos and other vermin, inhabit those "verdant, ivy-covered halls of East Campus," especially during the summer. They won't cause any problem, as long as you keep the windows closed or install a good screen. Roach Motels are available at dorm desks.

Waterbeds — Waterbeds are allowed in dormitories, provided that the floors are deemed strong enough to support them safely. You'll need to get the House Manager to approve the model and inspect the installation. As long as you treat the waterbed with care and don't puncture it accidentally, there should be no problems. (*Warning:* The standard lease for apartments specifically forbids waterbeds. If moving from a dorm to an apartment, check to see if you can take the waterbed with you.)

Refrigerators — In some dorms, refrigerator space is included with the room rent. If you don't get one or need more space, you can buy a used one for under fifty dollars from another student or one of the several used-refrigerator dealers in the area. Check *Tech Talk*, the *Yellow Pages*, and bulletin boards.

Telephones — Undergraduate dorms are equipped with dormphones. For operation and tie-in to the Centrex system see **Telephones**. Outside service can be arranged individually with the New England Telephone Co.

Locked Yourself Out of Room — With the advent of new doors and real locks in some dormitories, it has become much more difficult for the locked-out resident to pick his own lock. If the time-honored Coop card or coat hanger don't work, go to the desk and sign out a spare key (which is easier, and less suspicious-looking besides). If the desk is closed, find the night watchman or, in desperation, call the Campus Patrol, which has keys to everywhere. In most dorms, the president and chairman of the Judicial Committee also have master keys.

Valuables — Easily removable valuables, such as jewelry, money, watches, etc. should never be left unguarded in a dorm room, even for a short period of time. On lower floors, keep TV's, stereos, radios, tape recorders and the like out of easy sight through

your window — no point in inviting trouble.

Bicycles — Most dorms have a semi-secure place to lock up your bike. However, lots of people use these areas, some may be careless and leave gates unlocked, reducing the security to the level of any back street in Cambridge. New and/or expensive bikes are safer for each additional lock between them and the bike market.

Varying Room Costs — The Institute gives recognition to the unequal desirability of rooms by charging slightly different rents for different rooms in some dorms. Factors that cause differentials include: number of people using kitchen and bathroom facilities, common space, closets, view, elevator service, trash collection, etc. The exact cost of your room will be charged to you on your financial statement.

Liability for Damages — Your $50 deposit is intended to cover the minor damages you might cause during your years in the dorm. You can be assessed for a share of any damages in your suite or floor that cannot be pinned on an individual. Additional damages above the $50 will be billed to you. This bill must be paid before you can receive your degree.

What is a cynic? A man who knows the price of everything and the value of nothing.
— Oscar Wilde

Fraternities and Independent Living Groups

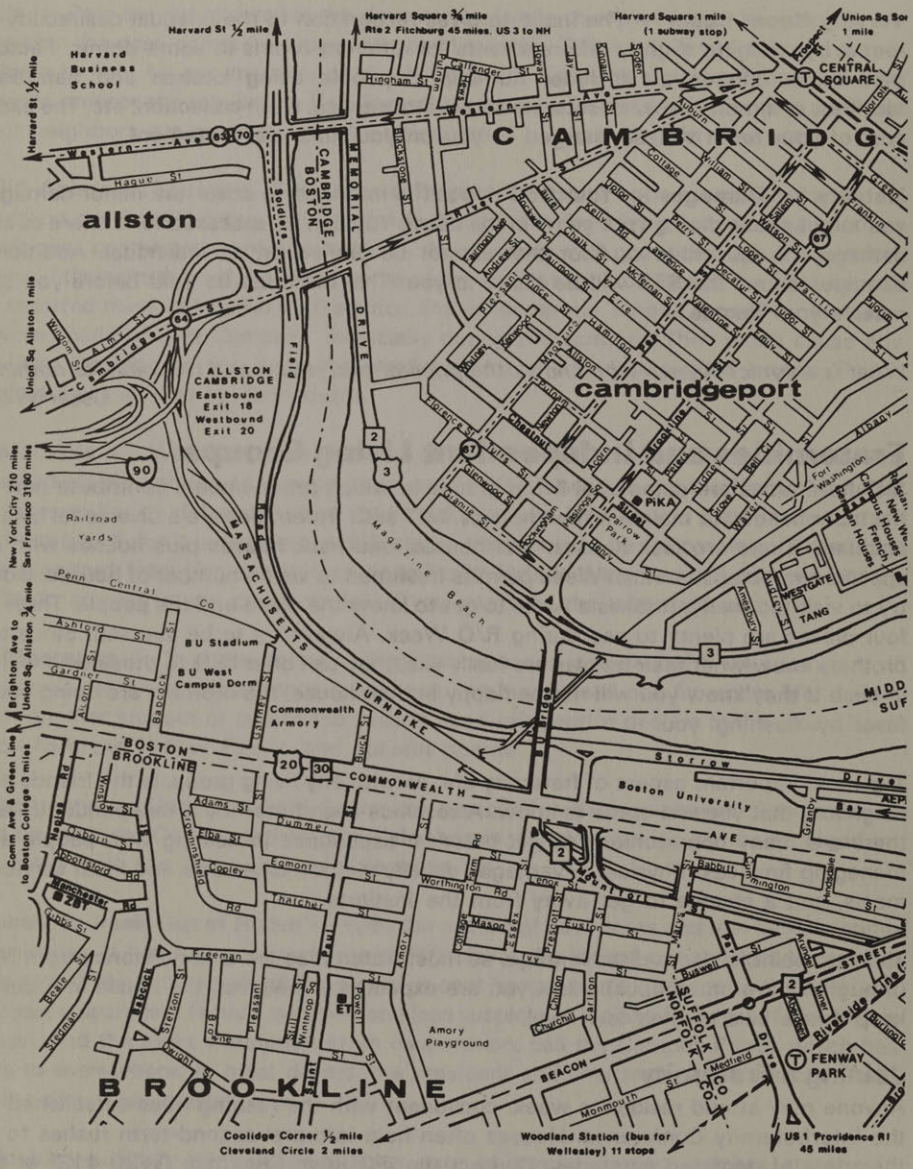
MIT fraternities are communal living groups in which the members contribute part of the labor needed to maintain their houses. MIT's 33 fraternities are a diverse lot by any standard. There are jock houses, tool houses, and hack houses plus houses with no specific characteristic. Rush Week permits freshmen to visit a number of houses. Don't try to visit too many; it takes a while to get to know the place and the people. Three or four places are plenty to see during R/O Week. Always try to be yourself. Since the brothers know what their houses are really like, they can offer bids to those who will fit in best. If they know you will not be happy in their house, the brothers are doing you a favor by 'flushing' you.

The most important aspect of fraternity life, as with any living group, is the friends and neighbors that you will come to know. Also, since each fraternity is independently run, there are many opportunities to get practical experience in dealing with people and managing finances. Physical advantages usually include telephone and linen services, meals, and a chance to get away from the Institute.

This last point is also a disadvantage, as most fraternities are a fair distance from MIT (though six are on campus). Also, you are expected to help run the house in order to keep house bills at their low level.

Joining a Fraternity

Anyone may attend residence week, consonant with the rushing rules established by the Interfraternity Conference. Houses often hold informal second-term rushes to fill the spots of departed comrades. Contact the IFC Rush Chairman (W20-413) or the Dean for Student Affairs Office (7-133,x3-4051) for more details. As with any living group, be sure that you know what you're getting into before joining.


Harvard St ½ mile
Harvard Square ¾ mile
Rte 2 Fitchburg 45 miles, US 3 to NH
Harvard Square 1 mile
(1 subway stop)
Union Sq Som
1 mile
Harvard Business School
Harvard St ½ mile
CENTRAL SQUARE
Western Ave
Hague St
allston
CAMBRIDGE
CAMBRIDGE BOSTON
MEMORIAL DRIVE
Soldiers Field
Union Sq Allston 1 mile
Cambridge St
ALLSTON CAMBRIDGE
Eastbound Exit 18
Westbound Exit 20
cambridgeport
New York City 210 miles
San Francisco 3160 miles
Railroad Yards
MASSACHUSETTS TURNPIKE
Magazine Beach
PIKA
Fort Washington
Penn Central Co
Ashford St
Gardner St
BU Stadium
BU West Campus Dorm
Commonwealth Armory
Brighton Ave to Union Sq Allston ¾ mile
BOSTON BROOKLINE
COMMONWEALTH AVE
Boston University
Storrow Drive
Comm Ave & Green Line to Boston College 3 miles
Harvard
Beacon St
Amory Playground
BROOKLINE
Coolidge Corner ½ mile
Cleveland Circle 2 miles
Woodland Station (bus for Wellesley) 11 stops
US 1 Providence RI
45 miles
FENWAY PARK
MIDD
SUF

M. I. T. Living Groups
Interstate Highways
US Highways
Mass Highways
ABC
Living Groups & Student Center
Subway Lines & Stations (25c)
Surface Trolleys (20c)
Bus Lines (25c)
City & County Boundaries
Railroad Lines
Direction of One Way Streets
Scale 1/8 1/4 3/8 1/2 of Miles
drawn by Charles S Bryant
April 1972
Harvard Square 1½ miles
TECH SQ
Red Line Subway
KENDALL SQUARE
EASTGATE
East Campus
MIT
Senior House
Student Center
Bexley
ASHDOWN
NRSA
McCormick
Baker
Burton
Kappa Sig
No 6 Club
TDC
PBE
Alpha Tau Omega
MacGregor House
Penn Central Co
north
CAMBRIDGE
BOSTON
charles
river
basin
LESEX CO
FOLK CO
Embankment
Charles River Esplanade
back bay
BEACON
DTD
LP
PKT
TEP
CP
COMMONWEALTH
COPLEY SQUARE
Green Line Subway
B O S T O N
KENMORE SQUARE
MASS PIKE
Penn Central Co
Fenway Park Baseball Stadium
AUDITORIUM
Prudential Center
Exit 22
Back Bay RR Station
PRUDENTIAL
South Station 1½ miles
the fens
south end
Christian Science Center
Northeastern Univ ½ mile
Rte 9 Worcester 40 miles
Southeast Expwy (Rte 3) 1 mile
Quincy 9 miles
US 1 Providence RI
45 miles
Rte 3 south Cape Cod
Longfellow Br
Downtown Boston 1 mile
Park St Station 2 stops
US 1 (to I 95) NH & Maine
Logan Airport 4 miles
Public Gardens ¼ mile
Boston Common ½ mile
Downtown Boston 1 mile
Park St Station 3 stops
Fitzgerald Expwy (Rte 3) 1 mile

Rush Violations

The Judicial Committee of the IFC is responsible for investigating house violation of rush rules, and with meting out penalties. If you have a complaint or want more information, contact the IFC Judical Committee Chairman or the Rush Chairman (W20-413). During R/O Week they can be reached through clearing house and/or R/O Center.

Depledging

Start by talking with the Deans' Office (7-133). Also try people in other living groups, or the religious counselors. If the problem is one of interpersonal relations, you can talk to a doctor in the psychiatric department (x3-2916); they've made a career out of studying people's interactions with themselves and with groups.

Student House

Student House is an MIT-recognized cooperative coed dwelling. Because it is a cooperative, its members can save approximately $700 each year, compared to dormitory costs. Student House often has openings and accepts applications year-round. For more information call, write, or drop by at the House itself (111BayStateRd-Boston,x3-3157or536-2497).

Moving Between Modes

This procedure can be anywhere from trivial to impossible depending on the direction and extent of the desired change. Within your own dorm, there is little problem. Consult your house room assignment committee, for transfers to vacant rooms. In arranging a swap, make sure you are not violating any priority system.

Transferring Between Dormitories

The simplest way to transfer between dormitories is a one-for-one switch; find someone in your target dorm to trade spaces with you. This procedure is usually easiest between terms, though you can do it anytime. But note that you may not be able to trade rooms, only spaces — entering into a dorm as a newcomer, you may go to the bottom of its priority list; check with the room assignment chairperson first. Then contact the Deans' Office (7-133,x3-4051) to get final approval and settle administrative details.

Changing dorms without a switch is a bit more difficult, the chief constraint being available space. It is easiest at the end of the school year, and not too bad between terms. Check with the Dean's Office (7-133,x3-4051).

Generally, the difficulties involved in moving from one mode of residence to another are considerable. You can't move from a dorm to a fraternity unless invited, or from a fraternity to a dormitory unless you are a freshman. Finding an off-campus apartment can be a hassle, and once you're out of the dormitory system, it's virtually impossible to get back in. It is advisable to think out your moves carefully.

Transferring from a Fraternity to Dormitory

If you decide during your freshman year that you wish to move from a fraternity to a dormitory, the Institute's housing policy guarantees you a space. See the Deans' Office (7-133,x3-4051). After freshman year, this is difficult to impossible unless there are

clearly extenuating circumstances. Check with the Dean's Office. If you leave a fraternity you must pay the fraternity whatever you owe them before obtaining a dorm room. You should, in return, expect a proportionate refund from a fraternity at some time of the year — but the system varies from house to house.

Leaving the Dorm in Midterm

If you get a room in the dormitory system, you are considered responsible for that room unless you leave the Institute (see below), move to a fraternity or Student House, or explain to Lisa Kunstadter. Also, there usually is a "free" cancellation period near the end of the fall term; an announcement about this goes to all dorm residents late in the term.

If you withdraw from the Institute you must leave the housing system. During the first 12 weeks of the term, you get a proportionate refund.

People who withdraw from MIT and then return have as much chance of getting fall dorm space as a regular transfer, i.e., very little. If you retain your student status while absent from the Institute, you do not generally lose your place in the dorm system, provided that you notify the proper authorities in advance.

For more information on any aspect of this problem, go to the Deans' Office (7-133,x3-4051).

How glorious it is — and how painful — to be an exception.

— Alfred De Musset

Student Law

Most organized living groups and living group associations (e.g. IFC, Dormcon) have judicial committees, and laws which they enforce. These are student organizations enforcing student rules; consequently their power is limited, though they are backed by higher sources of power. Their regulations are printed and usually given to incoming members of the group. These rules are often quite flexible and subject to waiver for special cases.

If you have received a bad judgment, there are usually several ways to appeal, either within the local system, through the Undergraduate Association or Graduate Student Council Ombudsman, the Dean for Student Affairs Office, or the Discipline Committee. Usually you should use the appeals procedures of the group involved first before trying any higher.

Off-Campus Housing

The housing situation around Boston is *bad.* Rents are high, quality is low, and tenant rights with respect to landlords are not well established. Be careful when looking for housing, and get all the help you can find. The first resource listed below, namely OCHS, should be an invaluable asset, if you make adequate use of its facilities.

Off-Campus Housing Service

If you think you want to live in an apartment, or even if you already have one, go to the Off-Campus Housing Service (E18-301,x3-1493). Ask for a booklet called **Required Reading for Renters**, which is a source of information on the legal and contractual

side of renting. Like all OCHS services, it is free to MIT people.

Basically, you will have to:
1. **Find an apartment.** The OCHS operates a service for helping people find roommates and/or vacant rooms, and they maintain listings of vacant apartments. Plan on checking the lists early and often (like starting in July for a September lease), as the best offerings are taken quickly. There are commercial outfits which can find non-MIT roommates, though OCHS doesn't limit itself to Institute people, either.

2. **See the apartment.** Sign *nothing* until you are sure that the apartment is suitable and habitable; don't trust any verbal agreement. Also *do not* pay for anything before seeing the apartment.

3. **Sign an application form and make a deposit.** The larger realty companies require this. It is mostly to ensure that you can pay, but they can refuse your tenancy for very simple reasons, although grounds such as race, sex, age, nationality or possession of children are illegal. Once you sign the application, the landlord can force you to sign the lease, so read the lease first. On the other hand, there is no corresponding obligation for the landlord; he is *not* under contract until the lease is signed. Don't sign more than one application, or you could be in serious trouble.

4. **Sign the lease.** If your lease is the standard form of the Greater Boston Real Estate Board, or one of the forms used by several large realty firms, it will be several pages of obfuscatory small print. If you rent from an individual, the form will (hopefully) be short and simple. Read it. If something isn't specified it will work to your disadvantage, you can be sure, and you may be liable for rent even if it goes up halfway through the year. At the end of the year, you may be forced to rent for another twelve months unless you give notice some specified time in advance. The people who work in OCHS will be happy to examine the lease for you, and explain what the clauses mean and where you may have trouble. A lease is a contract. It can be enforced.

Prices vary widely, but they are high, compared to other cities. Anywhere from $80 to $150 per person per month is in order, and you will usually have to make a security deposit of from one to two months' rent. Leases usually run from September 1 to August 31, so remember that you are also promising to rent for the following summer. Subletting is legal only if the landlord agrees in writing, in which case you are still responsible to him.

It is also possible to rent by the month or even by the week, such an arrangement being called a Tenancy-At-Will. In this case the lease may be terminated by either side on written notice of the rental period plus one day. Furnished rooms may be had for $20-30 a week, and may include cooking privileges.

The Off-Campus Housing Service is always ready to handle questions and complaints related to off-campus housing. They maintain files on all kinds of relevant information: which of the local schools are worthwhile, official definitions of adequate heat and water, legal problems such as rent control, furniture stores and rental agencies. Also they have telephones on which you can call agents and landlords.

Non-Resident Student Association (NRSA)

All undergraduate students not affiliated with dormitories, fraternities or Student House belong to the NRSA by definition; its facilities, parties and teams are open to all members.

The NRSA house at 311 Memorial Drive (dl9166) has beds for transients, showers, a meeting room, a small library, a kitchen, locker facilities, food storage facilities (including two refrigerators, one of which works well) and a tutor.

NRSA sponsors regular parties, cookouts, beach parties, and seasonal social events. A big part of NRSA is its athletic teams. Sign up in the house, check the NRSA bulletin board (Building 4 main corridor) or call the house or Athletic Chairman.

The major advantage of NRSA is that it furnishes a place to relax, meet people and do things you can't do at your room or the Institute. If you want to keep in touch with NRSA people, get your name on their mailing list.

Married and Graduate Student Housing

Ashdown House: Procedures for getting into Ashdown House differ considerably from those of other houses. Graduates may apply as soon as they are admitted; so may those already living here and living off-campus. A lottery is held on approximately June 1 to fill the fall vacancies, and a waiting list is set up, from which the top 20 (more or less) people are usually accepted by August 15. After that, the waiting list is abolished and any remaining spaces are lotteried off during R/O Week (watch for notices). The probability of your getting in at the beginning of the spring term is fairly good (apply in December). Once you're in, you can stay until you finish your studies. Contact the Office of the Dean for Student Affairs (7-133,x3-4051). Note: If you start at the beginning of the summer term, you can move into Ashdown then, and keep your priority into the fall and beyond.

Tang Residence Hall: Assignments are made according to a Reference-Waiting list which gives highest priority to persons requested as roommates by current residents. To fill other vacancies, a lottery is held on June 15. As in Ashdown, chances for getting in are better if occupancy begins during the summer. Those wishing to live at Tang should go to the Housing Office (E18-301) to fill out the forms.

Eastgate and Westgate (Married Student Housing): The application process for these units is unique. For information concerning this process, the availability of openings, and a description of their physical facilities consult the booklet entitled *Welcome to MIT: A Practical Planning Guide for New Graduate Students*, available in the Housing Office (E18-301).

Eating

Commons

MIT maintains four cafeterias on campus. Quality is fairly reasonable and only intolerable if one is forced to eat every meal in one. Prices are also reasonable, and it is possible to eat fairly well on about five dollars a day, if you buy your meals à la carte.

'Commons' offers several pre-order plans, which allow you to avoid the hassle of pay-

ing money for your meals. They are generally more expensive than buying your meals individually. 'Points' plans and unlimited seconds plans are the most expensive — you can end up paying over $8 per day. Sign-up for commons occurs at the beginning of the semester, before people have time to figure out how much more pre-order costs than à la carte.

Cafeteria hours vary, but approximate times are 7:30-9:00 breakfast, 11:30-1:30 lunch, and 5:00-7:00 dinner. Late dinners and bag lunches are available if you apply in advance. During vacations most cafeterias are closed.

Cooking It Yourself

Many students at MIT prefer to cook for themselves. There are a number of advantages to supplying one's own meals, one being that you can choose what, where, and when you eat. Economic factors are by no means trivial, either. One can easily save 50% over Commons prices, and a thrifty student can cut the cost (and his body weight) by 2/3 or more. Other factors to consider when deciding about cooking for yourself are your ability to cook and time committments. It takes a finite amount of time each day to cook and clean up. Many students find that getting together with friends to cook can save a lot of time and money.

Facilities for cooking range from practically nil in the older dorms to complete kitchens in the newer ones. Be sure to check the cooking facilities in any dorm you are considering, even if you're sure you don't want to cook for yourself. Commons has changed quite a few minds in this respect. Used refrigerators are commonplace in the dorms and not hard to come by. Functioning refrigerators can be purchased for $20-40. Check the ads in *Tech Talk* and on the walls of the Institute. Quite a few students make do with only hotplates and the like in their rooms as their only means of cooking, so don't give up hopes of cooking for yourself because of lack of kitchen space.

Kosher Kitchen

The Kosher Kitchen is located in the basement of Walker Memorial (50-005). It serves five dinners per week Monday through Friday. The cost should be around $3 per dinner. The meals are catered and served and everybody is expected to pitch in to help clean up. For more information call Mike Shatz at New House (5-7532) or the Hillel Office (3-2982).

Summer Residence

Some people prefer not to go home for the months of June, July and August. For such people, the situation is far from hopeless. Most dormitories stay open, although they will probably consolidate summer residents to fill one floor or one entry. The rest of the space will be filled at times with alumni here for Alumni Weekend, conventioneers, or other visitors. The rent is comparable with the regular rent; all this is explained in a handout which is sent to dormitories in the spring. Fraternities offer a better deal. Rather than have rooms standing empty, they will take in people for the summer at rents as low as $180. Apartments are sublet at reasonable rates also.

Restaurants

Boston is abundantly supplied with restaurants that range in quality from superb to dreadful and cover the entire range of prices. Quite a few places are not listed because they are small and don't advertise or they are too far from campus for most people. However, the list that follows is respectable and should keep you busy for a while. Most of the restaurants have been checked within the last year and a half. Where possible we have included the address, phone number, and nearest MBTA stop. Prices are accurate only to a first approximation and do not include tips, tax, or booze. The meals tax is a whopping 5%, and take-out orders are taxed too. The standard tip is 15%. If you have in mind a specific type of restaurant, check the index below and then look in the alphabetical descriptions. Enjoy your night out, and if you have updated information, send it to us at TCA.

For more information about restaurants in the Boston area, see the reviews in *B.A.D.* and the *Free Paper* (distributed free in the Student Center each week) or the book *Cheap Eats* (sold in the Coop).

Restaurant Index

American

Anthony's Restaurants
Beef and Ale House
Brandy Pete's
Buddy's Sirloin Pit
Charley's Eating and Drinking Saloon
Chart House Restaurant
Durgin-Park
English Room
Fantasia
Friday's
Hampshire House
Hungry Pilgrim
J.C. Hillary's
Newbury's Steak House
Newtowne Grille and Steak House
One Potato Two Potato
Parker House
Rainbow Ribs
Rib Room
The Winery
33 Dunster Street

Chinese

Changsho
Colleen's Chinese Cuisine
Dragon Gate
Golden Gate
Golden Horde
Henry's
Hong Kong Restaurant
House of Roy
Hsing Hsing
Hunan Restaurant
Joyce Chen's Small Eating Place
Joyce Chen's at Fresh Pond
King Wah
Lucky Dragon
Lucky Gardens
Mandalay
Moon Villa
Seventy Restaurant
Shanghai
Shanghai Village
Song Hee
Ye Hong Guey
Yenching
Wok-In

Czech

Savarin

Deli

The Bulkie
Deli-Haus
F and T Deli
Kay's Delicatessen
Ken's at Copley
Lox, Stock,and Bagel
Premier Restaurant
Rubin's *(Kosher)*

French
Au Beauchamp
Autre Chose
Chez Dreyfus
Chez Jean
Du Barry's
Ferdinand's
Harvest Restaurant
Le Bocage
Lily's Restaurant
Maison Robert
Maitre Jacques
Modern Gourmet
Panache
Papillon
The Proud Popover

German
Jacob Wirth
Old Vienna Hofbrau
Wursthaus

Greek
Acropolis
Athenian Taverna
Athens-Olympia
Averof
Original Restaurant
Zorba's

Hungarian
Cafe Budapest
Chardas

Indian
India Restaurant

International
Blue Parrot
Grendel's Den
Hen-Ho (Vietnamese)
Hermitage
(Imperial Russian)
Iruna (Spanish)
Mandalay (Burmese)
Matsu-Ya (Korean)
Reflections(African)
Rendezvous
(Vietnamese and French)
Swiss Alps

Italian
Amalfi Cafe
Brandy Pete's
Crossroads
Dante's
Davio's
European Restaurant
Felicia's
La Groceria
Mother Anna's
Natalie's
Newtowne Grille
and Steak House
Original Restaurant
Rita's Place
Stella Restaurant
Joe Tecce's

Japanese
Benihana of Tokyo
Genji Restaurant
Hai-Hai
Kabuki
Kyoto Restaurant
Matsu-Ya
Osaka

Mexican
Casa Mexico
Casa Romero
El Phoenix Room
Latin-o
La Pinata

Middle Eastern
Cafe Shalom
Hava Nagila Israeli
Restaurant
Hungry Persian
Middle East Restaurant

Other
The Corner Food Experience

Polynesian
Bob Lee's Islander
Kon Tiki Ports

Portuguese
Casa Portugal
Terra Restaurant

Salad
Grendel's
Salad Days
Newbury Steak House
Stockpot
33 Dunster St.

Seafood
Anthony's Pier Four
Brandy Pete's
Chart House Restaurant
Chowder House
Dini's
Dolphin Seafood
Durgin-Park
Half-Shell
Jimmy's Harborside
Jonah's
Kevin's Wharf
Legal Seafoods
No-Name Restaurant
Seventh Inn
Union Oyster House

Vegetarian
Cafe Shalom *(Kosher)*
Conscious Cookery
Golden Temple
Hedge School
Hungry Persian
Last Chance Cafe
Sanae
Seventh Inn

High Class
Anthony's Pier Four
Benihana of Tokyo
Bull Restaurant
Cafe Budapest
Chart House
Chez Jean
Ferdinand's
Jimmy's Harborside
Jonah's
Joseph's
La Bocage
Locke-Ober Cafe
Maison Robert
Maitre Jacques
Modern Gourmet
Nine Knox
Panache
Parker House
Rib Room
Ritz-Carlton
Stella Restaurant

Budget
Anthony's Restaurant
Blue Parrot
Brandy Pete's
Brass Lantern
Buddy's Sirloin Pit
El Phoenix Room
Elsie's
English Room
F and T Deli
George and Nick's Steak House
Hedge School
Henry's
La Pinata
No-Name Restaurant
Original Restaurant
Rita and John's Luncheonette
Salad Days
The Stockpot
Terra Restaurant
The Underdog
Wok-In
Zorba's

Late Night
Athens-Olympia (11:30 pm)
Averof (midnight)
Bette's Rolls Royce (2 am)
Blue Parrot (midnight)
Bob Lee's (3 am)
House of Roy (midnight)
Hungry Persian (midnight -F,St,Sn)
J.C. Hillary's (midnight)
Jacob Wirth's (midnight -F and St)
Ken's at Copley (3 am)

Cafe Budapest (midnight: F,St,Sn)
Cafe Promenade (midnight)
Charlie's Beef and Beer (1 am)
Charlie's Eating and Drinking Saloon (1 am)
Crossroads (1 am)
Deli-Haus (2 am,3 am - F and St)
European Restaurant (1 am)
Golden Gate (4 am)
Grendel's Den (midnight)
Harvest Restaurant (1 am)
Hava Nagila (midnight)
Hong Kong (2 am)
Kon-Tiki Ports (11:30 pm)
La Crepe (1am -F and St)
Magic Pan (midnight)
Moon Villa (4 am)
Newtowne Grille and Steak (midnight)
Nineties Restaurant (midnight)
Rainbow Ribs (11:30 pm)
Seventy Restaurant (4 am)
Song Hee (24 hrs)
33 Dunster Street (1 am Sn-W, 2 am Th-St)
24 Hour Coffeehouse (MIT, 24 hours)
Underdog (1 am)
Wursthaus (midnight)

If all be true I do think
There are five reasons we should drink:
Good wine — a friend — or being dry —
or lest we should be by and by —
or any other reason why.

— Anonymous

Restaurant Descriptions

Acropolis (1680MassAvCambridge,492-0900,Bus:77fromHarvardSq) A fair Greek restaurant between Harvard and Porter Squares. Open 7 days. $4-$6. 2 for 1 special during the week.

Adams House Restaurant (533WashingtonStBoston,542-6999,MBTA:Washington) This is a good, medium priced place to stop at for a nice lunch while shopping at any of the stores in the Jordan's-Filenes area.

Amalfi Cafe (10WestlandAvBoston,536-6396,MBTA:Symphony) Good Italian food with a large wine list. Open 7 days.

Anthony's Pier Four (140NorthernAvBoston,on the waterfront,423-6363,MBTA:-SouthStation) One of the most famous restaurants in this country (although this doesn't mean one of the best), **Anthony's** is visited as much for the atmosphere as for the food, which is good, but not outstanding Service is variable, as is the wait, with no reservations accepted. $7-$16. Open 7 days. Jackets required. No jeans.

Anthony's Restaurant (259NewburyStBoston,247-7274,MBTA:Arlington) Not to be confused with Pier Four, this place is for those times when you want cheap, plain American food. Sandwiches Available. Open 7am-7:30pm. Under $4.

Athenian Taverna (569MassAvCambridge,547-6300,MBTA:CentralSq) A good Greek restaurant serving a wide selection of entrees. Open 7 days $4-$7.

Athens-Olympia (51StuartStBoston,426-6236,MBTA:Boylston) In the heart of the theater district, this is one of the best Greek places in Boston. The food is well prepared, and the service is very fast if you let them know you have a curtain deadline. $4-8.

Au Beauchamp (9MtVernonStBoston,523-9299,MBTA:Charles) A good, although plain, French provincial restaurant with excellent coq au vin. $8-$15 without wine.

Autre Chose (1105MassAvCambridge,354-2881,MBTA:HarvardSq) Classic French cooking in a Formica atmosphere. Famous for croissants. Accepts reservations.

Averof (1924MassAvCambridge,354-4500,Bus:77fromHarvardSq,83fromCentralSq) The **Averof** is mainly known for its belly-dancing, but it also has quite good food at modest ($4-$7) prices.

Beef and Ale House (274TremontStBoston,near the Common,542-1484,MBTA:-Boylston) This restaurant has reasonable steak and a nice atmosphere. $3.50-$7.

Benihana of Tokyo (201StuartStBoston,542-1166) A restaurant more for the show than for the food. It's part of an expensive restaurant chain. $8-$12.

Bette's Rolls Royce (1UnionStBoston,227-0675,MBTA:GovtCenter) A fun restaurant with different music nightly, starting at 9. You can have either a full meal or just beer and peanuts. $4-9.

Blue Parrot (123MtAuburnSt,491-1551,MBTA:HarvardSq) Unusual international cuisine served in a small room decorated with pictures from the movie "Casablanca." Mostly tables for two. Good and cheap. A nice place to bring a book and relax.

Bob Lee's Islander (20TylerStBoston,542-3997,MBTA:Essex) A mediocre Polynesian restaurant, flamboyant but ineffective. Good drinks. $4-$8.

Brandy Pete's (82BroadStBoston,MBTA:State) A casual restaurant in the heart of the financial district with a wide selection of reasonably priced, well prepared food. Warm and friendly service. $2-$4 average.

Brasilia (58BoylstonStHarvardSq,354-9038) Excellent quality Brazilian cuisine. $7-$10.

Buddy's Sirloin Pit (39BrattleStCambridge,864-4470,MBTA:HarvardSq) Burgers and steaks, burgers and steaks. Adequate food, very inexpensive. Good place to go if you're broke and hungry. $3.

The Bulkie (827BoylstonStBoston,536-4610) A deli and pastry shop across from the Prudential Center. Good roast beef, corned beef, and pastrami sandwiches using potato pancakes instead of bread.

Bull Restaurant (HotelSomerset,400CommAvBoston,267-9010,MBTA:Auditorium) A quiet, elegant dining room with good food. About $10.

Cafe Budapest (90ExeterStBoston,734-3388,MBTA:Copley) One of the best restaurants in Boston. The Hungarian food is delicious, and the service is excellent. High priced, but you get what you pay for. Both the cherry soup and the Szekely Gulyas are specialties. However, the wine list isn't the greatest. Coat and tie required. $10 and up. Open daily.

Cafe Florian (85NewburyStBoston,247-7603) One of the many cafe-type establishments opening up in Boston, this cafe offers a wide choice of coffees and omelets. Under $7 for lunch, under $12 for dinner.

Cafe Promenade (inTheColonnadeHotel,120HuntingtonAvBoston,261-2800,-MBTA:Symphony) Tasty sandwiches, crepes, casseroles, and standard dinner fare in a relaxed hotel atmosphere. Entrees $6-$11.

Cafe Shalom (14aPleasantStBrookline, right off BeaconSt,247-7274,MBTA:ClevelandCircle) Kosher dairy restaurant. The food is substandard, the prices quite reasonable. Also pizza, fried fish, desserts.

Cafe Vendome (160CommAvBoston,536-3556,MBTA:Copley) The food is stale and terrible. Nice coffeehouse at night. Good desserts. $5-$7.

Casa Mexico (74WinthropStCambridge,491-4552,MBTA:HarvardSq) A good Mexican restaurant that serves more than the ubiquitous taco. Especially good is the mole pablano. Unfortunately, prices are high. $5-$12.

Casa Portugal (1200CambridgeStCambridge491-8880,Bus:83from Central Sq) An interesting and excellent Portuguese restaurant, with seafood the items of choice. Large portions, friendly service. $4-$11.

Casa Romero (30GloucesterStBoston,261-2146,MBTA:Copley) A very pretty Mexican restaurant that serves good food at high prices. $7-$12.

Changsho (1720MassAvCambridge,547-6565) The head chef from the Shanghai restaurant is now here, and brought his exceptional talents along. Hot and soursoup, pan-fried dumplings, changsho chicken with pignolia nuts — all great. $4-$8.

Chardas (1306BeaconStBrookline,232-4050,MBTA:Coolidge Corner on the Cleveland Circle line) Hungarian with a fine atmosphere, friendly service and great goulash and veal Romanoff. About $10.

Charley's Eating and Drinking Saloon (344NewburyStBoston,267-6520,MBTA:-Auditorium) Decent American food in a fake gay 90's pub. $2-$8.

Charlie's Beef and Beer (1688MassAvCambridge,354-8602,Bus:77fromHarvardSq) Large menu, but don't go there late because they'll be out of a lot. American, Greek, and Italian food. Noisy. Full of Harvard types. A full meal costs no more than $5.

Chart House Restaurant (60LongWharfBoston,227-1576,MBTA:Aquarium) This is a good place to go for a steak or sea food. Popular with the Young Executive set, the salads are good, and the service is friendly. No reservations, so you may wait 90 min. Fri & Sat. About $10. Open daily. No dress code.

Chez Dreyfus (44ChurchStCambridge,547-4311,MBTA:HarvardSq) Reasonable service, poor French food. Closed holidays. $5-$9.

Chez Jean (1ShepardStCambridge,354-8980,MBTA:HarvardSq) Regional French specialities offered daily. Reservations recommended, as well as a jacket and tie. $5-$10. Closed Sundays and Mondays.

Chowder House (827BoylstonStBoston,536-6014,MBTA:Copley) This small restaurant is comparable to Dolphin in price and quality. Try their New England Clambake for two-steamers, salad, corn-on-the-cob, lobsters for $15. Dinners $4-$11.

Colleen's Chinese Cuisine (792MainStCambridge,661-1660) An M.I.T. haunt for Szechuan food lovers. Entrees are excellent, especially the spicy dishes. Soups and apetizers are fair. $5-$10.

Conscious Cookery (30MassAveBoston,247-7947,MBTA:Auditorium) This small restaurant is completely vegetarian. They serve 'natural' foods with little or no sugar or salt so the food may seem bland. The quality is inconsistent and can range from surprisingly good to extremely poor. $3-$6.

The Corner Food Experience (WashingtonSt.,Boston,MBTA:Washinton) Offers a variety of fast food services in a nice enclosed atmosphere. Prices vary but are rather unreasonable.

Cronin's (114MtAuburnStCambridge,354-1366,MBTA:HarvardSq) With an atmosphere somewhat like a large diner, this place serves terrible food and some of the best Irish coffee in Boston. $3-$6.

Crossroads (495BeaconStBoston,nearMassAv,262-7371,MBTA:Auditorium) Just across the Harvard Bridge from M.I.T., it has one redeeming feature — good pizza, which starts at $3. Avoid the Italian dishes.

Dante's (23JoyStBoston,523-9229) Small, quiet Italian restaurant. $3-$7.

Davio's (269NewburyStBoston,262-4810) Small, quiet Italian restaurant. Excellent salad and Veal Marsala. Jacket required. Open Mon.-Thurs. 12-12, Fri. & Sat. 12-1am, Sun. 4-12. $15-$20.

Deli-Haus (476CommAvBoston,247-9712,MBTA:Kenmore) Deli with large selection and generous servings (especially their triple-deckers, which fill 4 people). Open past midnight. $2-$6.

Dini's (94TremontStBoston,227-0380,MBTA:Park) Very good seafood and grill, with a wide variety. Home of Boston's famous schrod. Open 7 days. $7.50 average.

Dolphin Seafood (1105MassAvCambridge,354-9332,MBTA:HarvardSq) Opened by former employees of the **No-Name**, this place sells inexpensive, yet good, fresh seafood.

Dragon Gate (250HarvardStBrookline,566-9021,MBTA:ClevelandCircle line to CoolidgeCorner) A good Chinese restaurant with large portions. $4-$5.50.

Du Barry's (159NewburyStBoston,262-2445,MBTA:Copley) Reasonable service, poor French food. $5-$9.

Durgin-Park (30NorthMarketStBoston,227-2038,MBTA:Haymarket) This is one of Boston's landmark restaurants. Specialties include seafood, roast beef, baked beans, and rude waitresses. Closed Sundays. Prices range from $4-$10.

El Phoenix Room (1430CommonwealthAvBrighton,566-8950,MBTA:BostonCollegeGreenLine) Cheap Mexican food. Free tortilla chips and hot sauce. $1.50 and up.

Elsie's (71aMtAuburnStCambridge,354-8781,MBTA:HarvardSq) Generous, tasty sandwiches, especially the roast beef. Very cheap. A landmark for Cambridge college students.

English Room (29NewburyStBoston,262-5566,MBTA:Arlington) This place is a students' haven due to the low prices and large servings. Meals start with a huge salad (with a unique dressing) and include rolls, vegetables, drinks (non-alcoholic) and fantastic desserts. No atmosphere, you fill whatever seats are available. Under $7.

European Restaurant (218HanoverStBoston,523-5694,MBTA:Haymarket) An O.K. North End restaurant,best known for its good pizza. $2-10.

Falstaff Room (SheratonHotelBoston,236-2000,MBTA:Auditorium) Serves dinners during the week, but their real specialty is their Sunday brunch, 10am-3pm. For $5.95 you get all you can eat of breakfast and lunch foods plus a bloody mary fountain. If you don't want to wait in line, make sure you get there early.

F and T Deli (304MainStCambridge,547-3674,MBTA:KendallSq) One of the only places around MIT where you can eat besides the dining rooms. The food is edible and cheap. $2-$3.

Fantasia (617ConcordAvCambridge,354-0285) Mediocre, overpriced Italian-American food in a relaxed atmosphere.

Felicia's (145ARichmondStBoston,523-9885,MBTA:Haymarket) An excellent North End restaurant. Especially recommended are the veal scallopini, the chicken verdicchio, and the series of "a la Felicia" dinners. Located on the second floor, this restaurant takes you away from the bustle of the city for a while.

Ferdinand's (121MtAuburnStCambridge,491-4915,MBTA:HarvardSq) An adequate and comfortable restaurant, in a formal atmosphere. Reservations suggested. $7-$16. Open 7 days.

Friday's (26ExeterStBoston,266-9040) Quaintly furnished restaurant serving a variety of dishes from an exotic hamburger to an enormous chef's salad. Open 7 days. $5-$9.

Genji Restaurant (327NewburyStBoston,267-5656) Japanese restaurant which serves both Japanese and American style. Open 7 days for dinner and lunch. $8-$12.

George and Nick's Steak House (569MassAvCambridge,354-9700,MBTA:CentralSq) A best buy in quick meals, this Greek 'cafeteria' offers good food at ridiculously low prices. $2.50-$4.

Golden Gate (66BeachStChinatown,426-5022,MBTA:Essex) Good, no nonsense, greasy spoon Cantonese food. Very inexpensive, with rice plates ($1.70-$3) the best buys.

Golden Horde (1281CambridgeStInmanSq,Cambridge,547-4129,MBTA:bus83fromCentralSq) Szechuan and Bermese food. Unusual and interesting menu. $4-$8.

Golden Temple Natural Foods (95WinthropStCambridge,354-0365,MBTA:HarvardSq) This cafeteria-style vegetarian restaurant has the rare combination of reasonable prices and reasonable quality. Nothing spectacular, however. $3-$5.

Grendel's Den (89WinthropStCambridge,491-1757,MBTA:HarvardSq) An eclectic menu, but they shouldn't opt for a continental restaurant etc. Nonetheless, an interesting place to try for something different, suitably located in Harvard Square. $3-$7.

Hai-Hai (423BoylstonStBoston,536-8474,MBTA:Arlington) A quiet Japanese restaurant serving 5 or 6 different choices each night with adequate portions. $4-6.

Half Shell Restaurant (743BoylstonStBoston,423-5555,MBTA:Copley) Mostly seafood. One of the more elegant restaurants in this price range ($5-$10, lobster costs more). Their catch-of-the-day fish specials are good and usually less than $3.

Hampshire House (84BeaconStBoston,227-9600) Small restaurant in a Beacon Hill mansion overlooking the public garden. American food. Open 7 days.

Harvest Restaurant (44BrattleStCambridge,492-1115,MBTA:HarvardSq) French cuisine in a definitely chic atmosphere. Before the meal you can sit with a drink from the bar and snack on the Cheese Nips at your table. Best for a late, light dinner and dessert. $8 and up.

Hava Nagila Israeli Restaurant (280CambridgeStBoston,523-9838,MBTA:Charles St;1653BeaconStBrookline,227-3433,MBTA:ClevelandCircleGreenLine) A good place to visit for some out of this world food. If you thought that Israeli meant Jewish, you are wrong, and this place will prove it to you. Israelis have a world-wide culture to draw on, and it is seen in the delicious falafel, as well as the superb stuffed chicken. $1.65-7.

Hedge School (211BayStateRdBoston,MBTA:Kenmore) A collectively run restaurant featuring vegetarian food at cheap prices. Quiches, soups, salads, vegetables, desserts — all under $1. Profits go to political causes. 11-3pm weekdays.

Hen-Ho (Newberry St.) An excellent Vietnamese restaurant. One should try their beef with lemon grass or the **Hen-Ho** beef. $5-$10.

Henry's (52BeachStBoston,462-6266,MBTA:Essex) Unpretentious Chinatown eatery, serving standard and vegetarian dishes. Friendly waiters and delicious food. (Henry's oldest son graduated from MIT.) $2.50-$5.

Hermitage (951BoylstonStBoston,267-3652,MBTA:Auditorium) Pretentious "Imperial Russian Cuisine." Specialty is Chicken Kiev. In the Museum for Contemporary Art. $8-$17. Musical Sunday brunch 12-3. Open daily for lunch and dinner.

Hong Kong Restaurant (1236MassAvCambridge,864-5311,MBTA:HarvardSq) Behind a gross pink exterior lurks a gross pink interior. Peking-style Chinese food for those who like grease. Disco dancing upstairs.

House of Roy (29TylerStBoston,338-8882,MBTA:Essex) Decent Cantonese food, good service. A favorite haunt of many M.I.T. people. $3-$7.

Hsing Hsing (546MassAveCambridge,547-2299,MBTA:Central) Formerly **Royal Mandarin**. Under new ownership the quality of this Mandarin-Szechuan restaurant has improved, especially the entrees. It is now one of the better restaurants of its genre. $4-$8.

Hunan Restaurant (700MassAveCambridge,876-7000,MBTA:CentralSq) A Mandarin-Szechuan restaurant in Central Square that is little more pretentious (and expensive) than most. The food is pretty good, they serve liquor and accomodate large parties. $6-$10.

Hungry Persian (14EliotStCambridge,354-9015,MBTA:HarvardSq) Middle Eastern cuisine. Excellent vegetarian food, mediocre meat dishes. Under $5.

Hungry Pilgrim (In the Statler Hilton,ParkSq,426-2000,MBTA:Arlington) New England food at fairly high prices in medium-fancy surroundings. Servings are small; you may leave there hungry. Open 7 days. $3-$7.

India Restaurant (1780MassAvCambridge,354-0949,Bus:77fromHarvardSq) A good Indian restaurant with an interesting menu. Try one of their special dinners. $3-$9.

Iruna (56BoylstonStCambridge,868-5633,MBTA:HarvardSq) A Spanish restaurant in Harvard Square worth trying. The gazpacho and flan are first class. $3-$7.

J.C. Hillary's Ltd (793BoylstonStBoston,536-6300,MBTA:Copley) Steak, fish, and sandwiches served in a nice, old-fashioned atmosphere. $2.25 for sandwiches, $6.00 for steak. Open daily.

Jacob Wirth (31StuartStBoston,338-8586,MBTA:Boylston) Traditional German restaurant. Good sauerbraten and a Munich beer hall atmosphere. Outstanding beer, of course. Meals for $3 and up.

Jimmy's Harborside (248NorthernAvBoston,423-1000,MBTA:SouthStation) Large, high class seafood restaurant with romantic harbor view. Fish are straight off the boat. $7-$15.

Joe Tecce's (53N.WashingtonStBoston,742-6880,MBTA:Haymarket) This restaurant serves decent, robust meals with homemade wine. Very ornate set-up. $5 and up.

Jonah's (HyattRegencyHotel,575MemDrCambridge,492-1234) Fair seafood, nice atmosphere, slow service. Seafood buffet on Wednesdays — $12/person. Dinners $20-$30 for two.

Joseph's (279DartmouthStBoston,266-1502,MBTA:Copley) An elegant French restaurant where a reservation, as well as a coat and tie, is a good idea. The food is pretty good. Under **Locke-Ober** management. Closed Sunday's.

Joyce Chen's Small Eating Place (302Mass.AveCambridge,492-7272,MBTA:CentralSq) Tiny Szechuan-Hunan restaurant just a few blocks from MIT. Many people like it, others find the food a little too greasy. Very convenient for students looking for a tasty alternative to on-campus food. Usually crowded. Take-out service available. $3-$7.

Joyce Chen's at Fresh Pond (390RindgeAvCambridge,492-7373,Bus:83fromCentralSq) A lovely restaurant, with probably the nicest atmosphere of the local Chinese restaurants. Generally good food, better than at **Small Eating Place**, with a larger menu. $4-9.

Kabuki (859MainStCambridge,491-4929) A quite excellent small Japanes restaurant, which is soon moving to Pearl St. (July 1979) near Central Square. Service is warm and friendly. The menu is small, but everything is very good, especially the tempura. $5-$8.

Ken's at Copley (549BoylstonStBoston,266-6149,MBTA:Copley) A reasonable facsimile of a deli, with good desserts. Open til 3am. $2-$9.

Ken's Pub-Cambridge (684MassAvCambridge,868-5640,MBTA:CentralSq) A decent place to go for lunch or dinner, as they have a good choice of half-price and inexpensive specials. The food is plentiful, and the quality is variable. There also is a large bar.

King Wah (29BeachStBoston,426-2705,MBTA:Essex) Large selection of authentic Cantonese pastries. Try their Sunday brunch. Go early to avoid crowds. Brunch $2-$5.

JOYCE CHEN RESTAURANT

390 RINGE AVE.

CAMBRIDGE **492-7373**

Kon Tiki Ports (39DaltonRdBoston,262-3063,MBTA:Prudential) The Kon Tiki has a quiet Polynesian atmosphere. The waiters are very friendly and will gladly help you choose your meal. The bar offers a wide selection of exotic Polynesian drinks. $5-$12.

Le Bocage (72BigelowAveWatertwon,923-1210) One of the best two or three French restaurants in the area. Everything is consistently excellent. Everything is recommended. They now have a wine list that is moderatley price. $13 and up.

La Crepe (733BoylstonBoston,MBTA:Copley) Not the worst crepes in the world, but not the best either. Dessert crepes are reasonable. Good onion soup. $2.50-$5.

La Crepe (733BoylstonBoston,MBTA:Copley) Not the worst crepes in the world, but not the best either. Dessert crepes are reasonable. Good onion soup. $2.50-$5.

La Groceria (853MainStCambridge,547-9258,MBTA:Central) A good, small Italian restaurant not far from MIT. The food is good, the portions are fair, and the atmosphere is pleasant. Prices from $4-$7.

La Pinata (16EliotStCambridge,MBTA:HarvardSq) Mexican food that is often mild and bland (to those from the Southwest, anyway). Hot sauce optional. Worthwhile to try at least once. $2.50-$5.

Last Chance Cafe (25CentralSqCambridge,547-8551,MBTA:Central) Cambridge's only macrobiotic cafe specializes in noodle, rice and tofu dishes. No milk is used, and of course, no meat either. Open noon to 9pm daily. $2.50-$4.50.

Latin-O (19BrooklineStCambridge,876-9074,MBTA:Central) A restaurant that has greatly improved since its renovation, with good entrees, authentic desserts and flamed Spanish coffee (a great dessert drink).$5-$7.

Legal Seafoods (237HampshireStInmanSqCambridge,547-1410;ChestnutHillShoppingCenter) A combination fish/market/restaurant selling excellent fresh fish in an informal, noisy crowded atmosphere. Plan for a long wait. $5-$15.

Lil's Restaurant Cafe and Bar (FanueilHallMarketplace,227-4242,MBTA:GovernmentCenter) Quincy Market rip-off. At best adequete French food, this place caters to the hordes of people waiting to be seen eating at one of the spots in Boston. Over-priced.

Locke-Ober Cafe (3WinterPlBoston,542-1340,MBTA:Park) One of Boston's most famous restaurants. For many years **Locke-Ober**'s has been known for its impecable service and fine cuisine, although according to some the general quality has slipped badly in the last two years. At any rate, bring lots of money and prepare yourself for an experience. Reservations are required, as well as tie and jacket. Closed Sundays.

Lucky Dragon (45BeachStBoston,542-0772,MBTA:Washington St.) Probably the best Cantonese restaurant in the area, **Lucky Dragon** has packed them in since opening in early 1979. The clientele is mostly Chinese, if that is any clue. Try the pan-fried roast duckling topped with lemon sauce. $3-$7.

Lucky Garden (282ConcordAvCambridge,354-9514,MBTA:Harvard) Another good Szechuan and Mandarin restaurant. Try the scallion pies. $3-$8.

Magic Pan (FanueilHallMarketplace,523-6103,MBTA:GovtCtr;47NewburySt-Boston,267-9315,MBTA:Copley) A corporate crepe restaurant where you get a decent assembly-line product. In Fanueil Hall there are non-smoking and smoking sections. Under $8.

Maison Robert (45SchoolStBoston,227-3370,MBTA:Park) A superb French restaurant. Service is excellent and portions are large. The wine list (French) is the best in Boston. If you want the atmosphere, go for lunch and avoid much of the expense. $10 and up.

Maitres Jarques (10EmersonPlBoston,742-5480,MBTA:Charles) An overpriced restaurant serving the continental cuisine. The service is excellent but the portions are small. The French wine list rivals **Maison Robert**'s. $12 and up.

Mandalay (329HuntingtonAvBoston,247-2111,MBTA:Arborway,NUStop) Chinese-Burmese food. The Chinese is mediocre Cantonese and the Burmese novel but only of fair quality. Near Northeastern University. $2.50-$7.

Matsu-Ya (1790MassAvCambridge,491-5091,Bus:77fromHarvardSq) Lovely decor, but uninspired stir-fired food. They claim to be a Korean restaurant. $5-$8.

Medieval Manor (370CommAvBoston,262-5144) The kind of place where you can go hog wild (literally) over food, and especially over the wine and the person next to you. Noted around the country, not one TCA reviewer has ever come out of the place to tell about it. Best when reserved for large groups. $15 includes 6-course dinner and unlimited wine and beer. No silverware. Reservations must be made weeks in advance if party bigger than two. Very different, very good.

Middle East Restaurant (4BrooklineStCambridge,354-8238,MBTA:CentralSq) This is a popular place for students, but it is small so you may have to wait for a table. The menu is limited but good. Service is friendly and gracious. $3-$6.

Modern Gourmet (81UnionSt,NewtonCentre,969-1320) Run by Madeline Kammar, this is one of the best French restaurants in the area. Reservations months ahead are imperative. Prices are high and worth it some say. $15 and up.

THE TICINO

56 Boylston St.
Cambridge, Mass.
547-9256

Moon Villa (23EdinboroughStBoston,423-2061,MBTA:Essex) A good as well as authentic, Cantonese restaurant in Chinatown. Open till 4am.

Mother Anna's (211HanoverStBoston,523-8496,MBTA:Haymarket) A first rate Italian restaurant, though for some reason rarely crowded. The Fettucine Olfredo and Veal Marsala are standouts. Open daily from 5-11. $4-$13.

Mug-N-Muffin (1382MassAvCambridge,547-9147,MBTA:Harvard) Hearty, generous, American restaurant. Bargain specials. $3-8.

Newbury's Steak House (94MassAvBoston,536-0184,MBTA:Auditorium) A fair to middling steak house, with homemade bread and salad bar. $3-$10.

Newtowne Grill and Steak House (1943MassAvCambridge,661-0706,Bus83fromCentralSq) Hearty well-cooked dishes, especially the Italian entrees. $4-$8.

Nine Knox (9KnoxStBoston,482-3494,MBTA:Arlington) This restaurant is actually a small, beautifully-furnished Georgian townhouse. The menu is small but the dishes are out of this world. They have an extensive wine list. This is a great place to go for a fine, leisurely meal. Reservations required and you should make them well in advance. $12-$18.

Nineties Restaurant (78BroadwayBoston,542-0410) This is a good Continental restaurant with excellent piano accompaniment to your dining. On Sunday and Monday evenings, a group of local actors gets together and entertains. Under $20 per person, all-inclusive.

No-Name Restaurant (15½FishPier,nearJimmy's,338-7539,MBTA:SouthStation) A popular place to get fresh seafood, in a noisy, crowded, informal setting. Get there early, as it gets very crowded. Excellent fish chowder and fried seafood. Closed Sundays. Approximately $5.

Old Vienna Hofbrau (1314CommAvBrighton,232-8748,MBTA:BostonCollege-GreenLine) German-American. Movies during week, German band Fri and Sat. Reservations suggested on weekend. $5-$7.

One Potato Two Potato (1274MassAveHarvardSq,492-7682) Only the desserts are passable. Open late at night for drinks. Closed Sundays. $3-$6.

Original Restaurant (799MainStCambridge,864-6680) One of the nearest places (between MIT and Central Square) with reasonable, inexpensive meals. Italian and Greek food, pitcher of beer and pizza specials. $3-$5.

Osaka (617ConcordAvCambridge,491-6600) Good Japanese food, especially the sashini. Owned by Joyce Chen's former husband. Closed Mondays. $4-$8.

Pappillon (1353b BeaconStBrookline,568-8495) Open 7 days for sandwiches, omelettes and quiches. Pretty good. $2-$5.

Parker House (60SchoolStBoston,inParkerHouseHotel,227-8600,MBTA:Park) Gracious dining, good food, and a colonial atmosphere make this a best bet for a place to go with your parents or a date. It offers two dining options. The **Revere Room** (upstairs) is formal and elegant. Sunday brunch. Dinners $8-$16.The **Last Hurrah** (downstairs) is less formal, but still nice. Has a salad bar and live music. $4-$10.

Peasant Stock (421WashingtonStSomerville,354-9528) A restaurant well worth trying, with a varying, eclectic menu, featuring top quality dishes and a good wine list, live music, usually classical several times weekly. Call for more information and reservations. Complete dinner $5.75-$7.50

Penache (798MainStCambridge,492-9500,MBTA:Central) A superb new French restaurant, next door to Colleen's, The style is cuisine nouvelle, certainly an interesting change fron cuisines classique and mineur, As they don't have a liquor license, you can bring your own wine, and save a bundle. $12-$18.

Premier II (299HarvardStBrookline,731-3330,MBTA:ClevelandCircleGreenLinetoCoolidgeCorner) Decent deli sandwiches, avoid all else. $2-$7.

Proud Popover (FanueilHallQuincyMarket,523-6982,MBTA:Gov'tCtr) Open for lunch and dinner daily. Great drinks. Excellent popovers. $4-$8.

Purcell's (10CityHallAvBoston,523-2725,MBTA:Park) Composed of a semi-formal dining room and a sandwich shop, this is a good place to go when in the city hall area.

Rainbow Ribs (97MassAveBoston,247-7000,MBTA:Auditorium) Very informal, eat-with-your-fingers place featuring barbecue chicken and ribs (beef, lamb, pork) and exotic seafood dishes such as conch limbos. Also sweet potato pie. $4 for a large plate of ribs.

Rendevous (24HolyokeStCambridge,547-5050,MBTA:HarvardSq) Upstairs: mostly American-pizzas and sandwiches. Sub-shop atmosphere. Downstairs: excellent Vietnamese and French cuisine — lots of it. Exotic drinks. Quiet, oriental decor. $4-$7.

Rib Room (5CambridgePkwy,in Hotel Sonesta, Cambridge,491-3600,MBTA:-Lechmere) Elegant,pretentious, expensive. The roast beef is excellent, the roast duckling good. Otherwise. . . Great drinks, $8 and up.

Rita and John's Luncheonette (313MassAveCambridge,492-9508) Good and inexpensive. Plain and simple.

Rita's Place (88WinnismmetChelsea,nearChelseaCourtHouse,884-9838) $15 including tax and tip (prix fixe) per person for a 12 course Italian dinner with unlimited wine. The food and the service are excellent. A great place to go with a group. Reservations several weeks in advance are a must. 7pm-8:30pm Fri, Sat, Sun only. A subshop 7am-3pm weekdays.

Ritz-Carlton (15ArlingtonStBoston,536-5700,MBTA:Arlington) This Ritz has three dining rooms with different hours and different price ranges. The main dining room

overlooks the Public Gardens and is well known for the superb food, the excellent service, and the high prices. Meals here start at $15. The cafe runs from $5-$15 for a complete dinner. Remember that this is **The Ritz** and if you are going to dine there, trying to spend the bare minimum would be pointless. An evening you should experience at least once. Jacket and tie, of course.

Rubin's (404a HarvardStBrookline,566-8761/731-8787,MBTA:GreenLinetoCoolidgeCorner) A kosher delicatessen that serves excellent deli food. Comparable to a kosher deli in New York. $3-$7.

Salad Days (TheGarageHarvardSq,661-8979;41CharlesStBoston,MBTA:Charles) Salad bar, soups, fresh bread, quiches, desserts. $2.50-$4. Very noisy.

Sanae (232A NewburyStBoston,247-8434) A macrobiotic restaurant which features fresh seafood and grains. Some of the food is really excellent. Closed Mondays. About $3-$4.

Savarin (156ProspectStCanbridge,876-9475,MBTA:Central) The only Czech restaurant in the area and an excellent one indeed. The menu is small but everything is good, and desserts are fantastic. $5-$8.

Seventh Inn (69-71ProvidenceStBoston,261-3965,MBTA:Arlington) A seafood and vegetarian restaurant. The schrod tempura is unbeatable. $3-$7.

Seventy Restaurant (70BeachStBoston,inChinatown,542-7136,MBTA:Essex) Polynesian, Mandarin and Cantonese food. Open 7 days. Excellent, relaxing brunch. $4-$7.

Shanghai (21HudsonStBoston,482-4797,MBTA:Essex) One of the area's best Mandarin-Szechuan restaurants, especially if you like what they do well. Peking Duck, Hot and Sour Soup, and the Mooshi Beef with Hot Bean Sauce are all supberb. Good Sat. and Sun. brunch. Open 7 days, til 10. $3-$7.

Shanghai Village Restaurant (434MassAvArlington,646-6897,Bus:77fromHarvardSq) A good Chinese restuarant that serves brunch Sat and Sun 11:30-2. You can stuff yourself on Chinese pastries from a menu with a broad selection for about $3-$5.

Song Hee (58BeachStBoston,426-5543,MBTA:Essex) Open 24 hours a day. They serve home-made Chinese food and have been described as like Twenty Chimneys only in Chinese (i.e. a greasy spoon). Service is fair, and it's cheap.

Stella Restaurant (74EastIndiaRowBoston,227-3559,MBTA:Aquarium) This is a beautiful restaurant overlooking the bay. It's a bit formal, a drop on the expensive side, but worth it if you order the Northern Italian cuisine. $4-$12. Open daily.

The Stockpot (53BoylstonStCambridge,354-4933,MBTA:Harvard;119NewburyStBoston,267-5711,MBTA:Arlington) $2.75 buys a hearty bowl of soup, salad bar, and fresh bread. Selections change daily, and at least one soup is vegetarian. Also good desserts for $1, especially the almond cream cheese pie.

Swiss Alps (56BoylstonStCambridge,547-9256,MBTA:Harvard) Generous servings of quiches, omelettes, souffles, fondues and other Swiss specialties. Dark, intimate, friendly atmosphere. $3-$6.

Terra Restaurant (1193CambridgeStCambridge,864-1730,Bus:83fromCentralSq). Generous Portuguese restaurant. Closed weekends. $3-$6.

33 Dunster Street (33DunsterStCambridge,354-0636,MBTA:Harvard). A dark restaurant serving seafood and steak. Service tends to be slow. The food is fair. There is also a separate room serving sandwiches, and there is a bar. Dinner $4-$9.

Top of the Hub (PrudentialBuilding,51stFloor,536-1775,MBTA:Auditorium or Prudential) Noted only for the spectacular view, this is another one of Stouffer's (who used to cater MIT dining service) Top of Whatever series, with the predictable results: blah food. The menu is limited and prices run from $6-$12. Open 7 days.

Union Oyster House (41UnionStBoston,227-2705,MBTA:GovernmentCenter) A good seafood restaurant that has been in the same location since 1826. $4-$13.

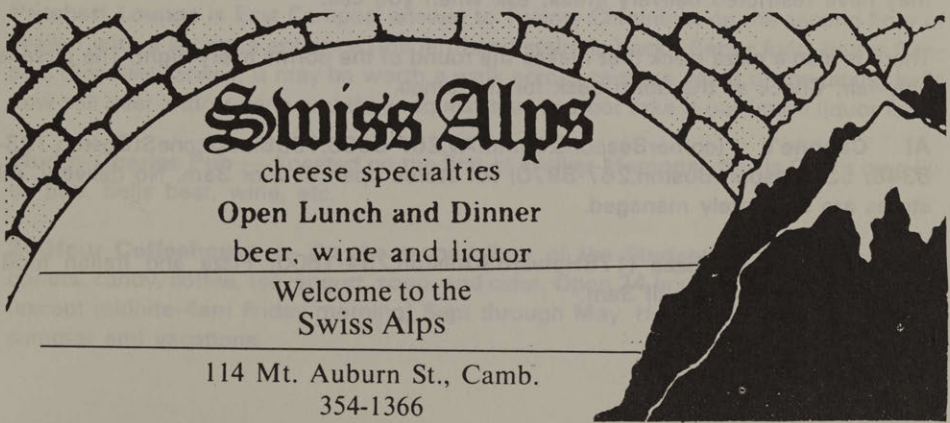
The Winery (50EasternAveBoston,523-3994) Distinctive dining that combines wine country with waterfront. Live entertainment nightly. Complimentary wine with every meal. Open daily for lunch and dinner. $8-$10.

Wok-In (BoylstonStBoston,536-9181,MBTA:Copley) Fast food, Chinese style. $1.75-$3.

Wursthaus (4BoylstonStCambridge,491-7110,MBTA:HarvardSq) This restaurant is a big German-American establishment that serves poorly cooked food at inflated prices. Good only for the large stock of imported beers. $3-$7.

Yee Hong Guey (340xfordStBoston,426-6738,MBTA:Essex) Consistently good Cantonese food with large portions. The LoMein is one of the best dishes anywhere and anything with snow peas is excellent. $3-$6.

Yenching (1326MassAvCambridge,547-1130,MBTA:Harvard) A good Szechuan restaurant in Harvard Square with a great buffet luncheon special for $2.75. Nice orange tea with dinner. Dinners $4-$8.



Zorba's (485MassAvCambridge,492-6456,MBTA:Central) A decent quick Greek restaurant. Great luncheon specials 11-4pm. Also American sandwiches. Dinner $3-4.

If not for food, I don't know what I'd eat.

— Josh Klayman

Restaurant Chains

The following are generally distributed around Boston:

Burger King — A hamburger joint. Closest to MIT are at 761 BoylstonBos, 185 SomAvSom. Other stores at 131TremontBos,210BrigtonAvBrigton.

Howard Johnson's — There are quite a few of these knocking around with at least one in Cambridge (555ConcordAv,547-8432), Brookline (1262BoylstonSt,566-9708), and in Boston (196StuartSt,338-8349;500BoylstonSt,247-7740). If you're into eating at Howard Johnson's you can check them for their all-you-can-eat special generally offered one or two nights a week.

International House of Pancakes — A fine place to go for pancakes in large servings and many varieties, well made and reasonably priced. The branches significantly near MIT are in Brighton (1850Soldier'sFieldRd,787-0533), in Brookline (149HarvardSt,-566-8431) and in North Cambridge (619ConcordAv,547-9650).

Kentucky Fried Chicken — Grease and fried chicken to take out. The closest places are in Cambridge (169HampshireSt,547-8615;2071MassAv,nearPorterSq,868-1498) and Boston (62CharlesSt,227-2416).

McDonald's — Located at 463 MassAv on the way to CentralSq (547-9251). This franchise serves breakfast and handles large orders quickly. Part-times jobs available. Other locations: 289HuntingtonAv, 123CausewaySt, 146TremontSt, 58SummerSt, 272BoylstonSt — all in Boston. Watch *The Tech* and other papers for coupon specials.

Pizza

There are numerous pizzerias in the Boston area. The following places are listed here because they are close to MIT and/or are highly recommended. Size and prices of pizzas vary. All are open daily, and their closing times are noted. The few that do deliver may have restricted delivery areas; ask when you call.

There is also a pizza truck that makes the round of the dorms every night. The pizza is only fair. Check at the dorm desk for the times.

Al Capone's (cornerBeacon&CommAv,267-0606,106BlackstoneStBoston,723-8348, 52GainsboroBoston,267-8970) All stores open til 2 or 3am. No delivery. All stores are separately managed.

Allston Tower of Pizza (178HarvardStAllston,254-1600) Pizza and Italian food. Delivers to MIT. Open 'til 3am.

Bel Canto (928MassAvCambridge,547-9680,MBTA:Harvard) Excellent exotic fare such as whole wheat crusts or spinach pizzas. Also deep-dish pizzas ("tortas"). No delivery. 11:30am to midnite.

Campus House of Pizza (239MassavCambridge,547-2208) Closest pizza place to MIT. No delivery, but you can call ahead so your order is ready when you get there. Open 'til midnight.

Crossroads (491BeaconStBoston,262-7371) No delivery, but phone orders accepted. You probably want extra cheese here.

Dino's Restaurant (51MassAvBoston,266-6381) Delivers to Back Bay for 50¢. Open 'til midnight.

Hi-Fi Pizza (496MassAvCambridge,354-9673). No delivery, open 'til 3am.

Regina Pizzeria (11ThacherStBoston,227-0765). No delivery, open 'til 11:30. By far the best pizza in town.

Sargent Pepper's Pizza (810BeaconStBoston,247-7494,MBTA:KenmoreSq) Open 7 days, till 3am. They deliver subs too.

On-Campus Food

There exist a few places to get food on campus. They tend toward an unexciting norm, but will keep you fed until you find some better place to eat.

Commons — Baker, MacGregor, Walker Memorial, and Lobdell have dining halls serving commons food three meals a day on weekdays. If you're not on commons you can buy things a la carte, or on an unlimited-seconds basis, except at Walker and Lobdell where all non-commons food is sold a la carte.

Walker Memorial and **Lobdell** have the best organized facilities for non-commons eating. Both offer three meals a day on weekdays and Lobdell has three meals a day on weekends also. **Twenty Chimneys** on the third floor of the Student Center is open 2pm-1am on weekdays and 7:15pm-1am (during the school year). This is a grill room staffed by students who do all the cooking. The food is fair and the atmosphere is good and dark. Service goes from reasonable to putrid. Very crowded after LSC movies. **Pritchett Lounge** is East Campus' answer to Twenty Chimneys, on the second floor of Walker with a separate entrance (the left-hand stairs in back). Better food, better frappes, friendlier service; it may be worth a walk across campus. Most of the dining halls now sell beer and/or wine and they request that you not take it out (state liquor law).

Muddy Charles Pub — Located on the first of Walker Memorial, this is GSC's own little pub. Sells beer, wine, etc.

24-Hour Coffeehouse — On the second floor of the Student Center, sells bagels, donuts, candy, coffee, tea, yogurt, soup, and cider. Open 24 hours a day, 7 days a week (except midnite-4am Friday morning) Sept through May. Hours are limited during the summer and vacations.

Ice Cream Shops

Natural and unnatural ice cream is a hot item in Cambridge and Boston. Anywhere you go you'll be hit for at least 40¢ for a small cone. Natural ice cream parlors generally charge more, and Massachusetts always collects its 5% meals tax. **Note:** In Massachusetts, a "milkshake" is made with syrup and milk. If you want ice cream in your milkshake, ask for a "frappe."

Bailey's (HarvardSq,Boston,Wellesley) The grand parlor your mother remembers has the decor and dirt your mother remembers, but not the ice cream. Expensive, stingy.

Baskin-Robbins (CentralSq,HarvardSq,KenmoreSq,et al coast to coast) Features 31 unusual (e.g. licorice) and constantly-changing flavors. The ice cream is made on the premises and contains up to twice the federal minimum butterfat content. Some locations pay the tax, in others you do.

Belgian Fudge, Ice Cream and Frozen Yogurt (MassAvHarvardSq) Good homemade ice cream. Probably the largest selection of frozen yogurt flavors in the area.

Brigham's (CentralSq,HarvardSq,EveryotherSq) Boston's own native-grown ice cream chain, Brigham's purveys all over town. Ice cream quality higher than at the other chains. Serving size varies widely. Open 24 hours in Copley Square, 'til midnight most other places. Also sandwiches.

Cabot's (743WashingtonStNewton) Cabot's specializes in creative concoctions. On two days' notice, they'll build a Great Pyramid (feeds 60 people) or any other party delight you may desire. Far from MIT, but worth the trip if you have a car.

Carmen's Place (160ProspectStCambridge,492-1020,MBTA:Central) Haagen-Dazs ice-cream with various kinds of fruit toppings. Also has exotic milkshakes ('moombas').

Emack and Bolio's (1726MassAveCambridge,354-8573,290NewberrySt,247-8772) This along with **Steve's** and **Joey's** comprise the top 3 homemade ice cream places in a city nuts about their ice cream. It's damn good!

Friendly's (CharlesRiverPlaza,CoolidgeCorner,FreshPond,elsewhere) Large chain with linguistic problems (they call frappes "fribbles"). Heavy syrup content. Great, if you like their style. Good hamburgers.

Joey's Homemade Ice Cream (1161BroadwaySomerville,623-9013) Same as **Emack and Bolio's**.

The Spa (BrattleStHarvardSq) The only soft ice cream parlor in Cambridge. Where is Dairy Queen when we need her? Go to Elsie's, not here, for frozen yogurt.

Steve's (191ElmStSomerville,Bus:83fromCentralSqtoPorterSq,walk 4 blocks up Mass Av to BeechSt,2 blocks east to Elm) Ice cream nirvana. Eight superb flavors daily (flavors vary). Very long lines for the apotheosis of homemade ice cream.

Uncle Bunny's (962MassAveCambridge between Central and HarvardSqs) Good ice cream. Also serves sandwiches.

Shopping

You can probably buy whatever you need here in Boston. However, Boston has the dubious distinction of having the *highest* cost of living in the continental United States. In addition, Massachusetts (Taxachusetts) hits you with a 5% sales tax on everything except clothing, textbooks, and unprepared food. Therein lie your troubles.

Shopping Districts

Classy, exotic, and youth-oriented stores tend to cluster in Harvard Square and in Boston's Back Bay. Lower prices and more pedestrian merchandise can be found in Central Square and Coolidge Corner in Brookline.

The intersection of Winter and Washington Streets is the center of Boston's shopping district. On one corner is Filene's, another Jordan Marsh, the third The Corner (a collection of specialty and fast food shops jammed into the Gilchrist Building) and on the fourth is the Washington subway stop.

Chinatown is found on Essex and Beech Streets, near the MBTA Essex subway station. The Italian North End is a large, exciting area across an expressway from the MBTA Haymarket station. Portuguese and Italian specialties and the best bargains in town are found in East Cambridge along the route of the 69 bus from Lechmere to Harvard Square.

Numerous shopping centers, located along Routes 9 and 128, offer branches of Boston's downtown stores, dime stores, drugstores, and gift shops. The Burlington Mall, Chestnut Hill Mall, Natick Mall, and North Shore and South Shore shopping centers are the largest. Although far from MIT, they offer the convenience of one-stop shopping and easily available parking.

The Coop

The Coop (pronounced "coop" as in chicken) has stores at Harvard Square, the MIT Student Center, Harvard Business and Law Schools, and the Children's Hospital Medical Center. It is a department store which specializes in books and clothing, and is ostensibly operated for the benefit of its members. If you are a Coop member (and almost everyone here is), a percentage (about 8%) of your purchase expenditures is refunded in October of the following year. The rebate for charge purchases is the same as that for cash. **Note:** Cash is much quicker for small purchases and checks are the slowest for any purchase.

Newcomers: Coop membership costs $1 per year and entitles you to a rebate and qualifies you for charging privileges. Go to the Customer Service desk at the rear of the store to pick up an application form.

Under new management, the Coop is gradually improving. Last year the rebate rate was 8.3%. More frequent record sales, groceries in the Lobby Shop, and lower-priced clothes were all introduced in response to student suggestions. Other innovations in-

clude weekly outdoor sales (in nice weather, Fridays at the MIT store, Saturdays at Harvard Square) and a larger poster department at Harvard Square.

The Coop has cooperative arrangements with the following services; purchases made here by members can be charged on a Coop card and apply toward the member's rebate.

Medical Center Pharmacy and Surgical Supply (319LongwoodAvBrookline, 566-1414).

Sona of India (49PalmerStCambridge,868-7855) Gifts, jewelry, and handicrafts.

The object of the Technology Store is to reduce the cost of living at Technology. It exists only for that purpose . . . [Last year, the dividends] amounted to over $133,200 — this at the rate of 10% on charge purchases, and 12% on cash.

— MIT Handbook, 1943

Department Stores

Boston's only real department store is **Jordan Marsh** (450WashingtonSt,221-3131). **Filene's** (426WashingtonSt,426-3800) and **Saks Fifth Avenue** (PruCtr,262-8500) are called department stores, but are little more than clothing shops. The world's largest **Woolworth's** is also in downtown Boston (350WashingtonSt,357-5353). To get to the downtown stores, take the MBTA Red Line to Washington or Park St. Check the *Yellow Pages* for details on suburban branches of the above stores. A special feature of Filene's and Jordan Marsh is their bargain basements (see **Clothing**).

Sears (1015MassAvCambridge,nearPorterSquare,868-7050) is not as inexpensive as one might expect, and the usual Sears quality is there (interpret as you wish). There is a catalog order warehouse store (201BrooklineAvBoston,536-7350), which can save you money, but Sears is very tightfisted with copies of its catalogs. There are also numerous Sears in the suburbs; check the telephone directory.

Lechmere Sales (88FirstGardenStCambridge,491-2000) is Boston's largest discount store and often has good buys on housewares and small appliances. Take the MBTA Green Line to Lechmere, or walk.

The Garage (BoylstonStHarvardSqCambridge) is not strictly a department store, but a collection of individual specialty shops under one roof. Quality is excellent, prices are high and salespeople are obnoxious.

Quincy Market (about two blocks from Haymarket) is a collection of very high-priced food and specialty shops located in Boston's restored Colonial market-place. It's a great place to browse, but you wouldn't want to spend your money there.

Goods (BoylstonStHarvardSqCambridge) is not really a department store either, but it has an excellent collection of jewelry, clothes and exotica. Reasonable prices. Frequented by local artsy types and musicians of various sorts, including the "Cars" rock group.

Goodwill Industries (95BerkeleyStBoston,357-9710,1116MassAvCambridge,492-2999,other suburban branches) and the **Salvation Army Thrift Stores** (61BrooklineAvBoston,other branches) sell used clothing and furniture. Goodwill's Cambridge store seems to know that it caters to a captive student population and tends to be overpriced.

Note: In general, large stores in downtown Boston are open late Monday and Wednesday evenings. Stores in Cambridge are open Thursday evenings. Lechmere Sales and Sears are open every evening. Some stores are aberrant, so it's best to call for information on hours.

Appliances

You should normally get advice from a knowledgeable person or organization before making a major purchase. The *Buying Guide Issue of Consumer Reports* provides pretty good comparative test results on various items. The magazine *Consumer Reports* is also useful, though it may be hard to find articles regarding the product you are thinking of buying. Both publications can be bought in the Coop or read in the Humanities Library.

Lechmere Sales in East Cambridge offers across-the-board discounts on all sorts of items. Other good places are **Luggage Distributors** (333WashingtonStBoston), **Commonwealth Builders Supply Inc.** (1151CommAvBoston), and **Sears**. The **Jordan Marsh** warehouse has monthly sales; watch the newspaper ads.

Wherever you shop, find out if students get discount rates. They often do, but you won't get them unless you ask for them.

Note: American electrical equipment is made for 110-120 volts at 60 cycles per second. Such equipment cannot be used in other parts of the world where the electrical characteristics (voltage, frequency) are different, without modifying equipment. So be careful about taking your equipment out of the country. The same holds for foreign electrical equipment brought here.

All appliances should be checked for Underwriters Laboratories (UL) certification, which guarantees that they are electrically safe.

If everything else fails try reading the instructions.

Books

Textbooks

New textbooks can almost always be found at the **Tech Coop**. However, if you want to save money, check around for used texts. First, try people you know who have taken the course for which you want the book. After that try the **APO Book Drive** (held in Lobby 10 at the beginning of the fall and spring terms), the **TCA Book Exchange** (all year round, in the TCA Office), or check the bulletin boards for ads, especially after the end of a term. If you are really energetic (and particularly if you are looking for something that might be a text used at Harvard, e.g. humanities), check the **Harvard Book Store** and **The Bookcase** near Harvard Square. The Tech Coop occasionally has a few used texts.

New Books

Barnes and Noble (395WashingtonStBoston) Fantastic discounts on dealer overstocks and seconds. Check them for textbooks.

Harvard Bookstore (1248MassAvCambridge,HarvardSq) Large selection of paperbacks, some hardbounds. Many used texts, many used paperbacks, at half price.

Harvard Coop (1400MassAvCambridge,HarvardSq) Large selection of everything. "Boston's biggest bookstore."

Lauriat's (30FranklinStBoston) Good selection of hardbounds, moderate number of paperbacks, some used books.

New England Mobile Book Fair (82NeedhamStNewton) Excellent selection of hardbacks and paperbacks at a 20% discount. If you can get there, this is a place to go to for an experience.

Paperback Booksmith (37A BrattleSt,HarvardSq;KenmoreSq; 751BoylstonSt-Boston) Moderate selection of paperbacks, open late and Sundays.

Phillips Brentano's (7HolyokeStCambridge,HarvardSq) Moderate selection of paperbacks, good selection of hardbounds.

Reading International (47BrattleSt,HarvardSq) Good selection of paperbacks and magazines.

Wordsworth (30BrattleStHarvardSq) Large selection of paperbacks, all at 10% off, moderate selection of hardcovers at 15% off.

Used Books

The Book Exchange (85CharlesStBoston) Bring in used paperbacks, receive credit toward purchases. New & used books.

The Bookcase (42ChurchStCambridge,HarvardSq) Huge selection of used paperbacks and texts.

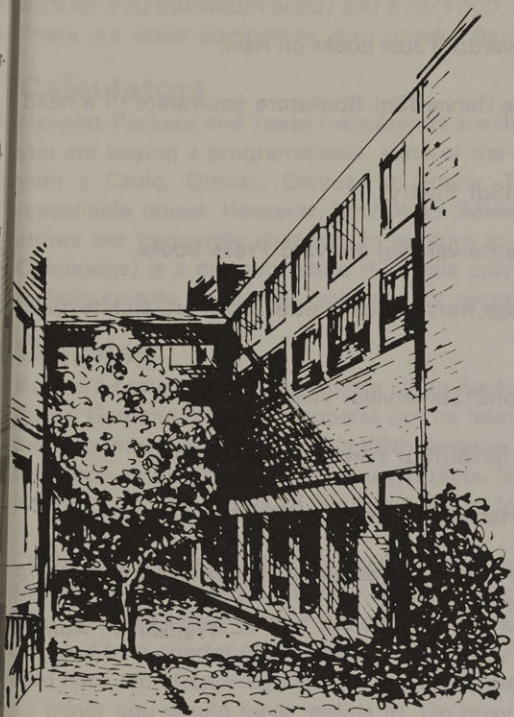
Brattle Book Shop (5WestStBoston) A used-book lover's heaven. Over 350,000 books filling four floors. Highly recommended. Just visiting it is an experience. If George Gloss doesn't have it, it probably wasn't published.

Goodspeed's (2MilkStBoston,8BeaconStBoston) Good bargain tables; otherwise overpriced.

Pangloss Book Store (1284MassAvCambridge,HarvardSq) Lots of used hardbounds, with large bargain tables downstairs.

Starr Book Co. (37KingstonStBoston) Great selection of used hardbounds, reasonably priced. Highly recommended.

Starr Book Shop (29PlymptonStCambridge) Great selection of used hardbounds.



right up our alley

If you need it, we probably have it. Try the Coop first. We offer one of the largest book, record, and art print departments in New England, as well as clothing, appliances, stationery, calculators, records and much more. Join the Coop, where quality, service, and economy count.

the Coop

M.I.T. STUDENT CENTER

See also: Harvard Bookstore and **Lauriat's** under **New Books.**

Specialty Shops

Asian Books (12ArrowStCambridge,HarvardSq) Just books on Asia.

Grateful Union (1134MassAvCambridge,HarvardSq) Bookstore equivalent of a head shop.

Grolier (6PlymptonStCambridge,HarvardSq) Poetry.

Harvard Press (1135MassAvCambridge,HarvardSq) Harvard Press books.

Mandrake Bookstore (8StoryStCambridge,HarvardSq) Specializes in art, architecture, and philosophy books.

New Words Bookstore (419WashingtonStSomerville) Women's books.

Schoenhof's (1280MassAvCambridge,HarvardSq) Foreign books, prints.

Thomas More (6HolyokeStCambridge,HarvardSq) Harvard Press books.

I find that a great part of the information I have was acquired by looking up something and finding something else on the way.

— Franklin P. Adams

Building Supplies

If you are building a full scale model of the *Enterprise*, check with the Hobby Shop (W31,x3-4343). They purportedly have some special arrangements with lumber yards that are normally wholesale only. Conversely, **Central Square Hardware** (453MassAvCambridge) sells scrap lumber for very modest ventures. If your needs fall somewhere in between, read on.

Sterritt Lumber (50AlbanyStCambridge, across the railroad tracks from the Institute power plant,547-0040) is the only lumber yard within walking (and carrying) distance of MIT, and it is *expensive*. They deliver for $3, or free for orders over $50. **Plywood Ranch Industries** (107FirstStCambridge,547-9370) and **Cambridge Lumber and Supply** (135HarveyStCambridge,876-4460) are farther away, but have better prices. **Somerville Lumber and Supply** (779McGrathHwySomerville,623-2800) has an enormous selection of lumber and hardware, the best prices of the places listed here, and is farthest away. They deliver free for sizeable purchases. **Boulter Plywood** (24BroadwaySomerville,666-1340) has slightly higher prices, but they take great care in precision cutting, and, unlike most places, they will cut particle board. **Note:** As a rule, lumber prices decrease exponentially with increasing distance from MIT, and prices in the suburbs may run as low as one-sixth the levels in Cambridge.

Simpson Inc. (300SidneyStCambridge,547-8921) is a convenient source of bricks and cinder blocks as well as other materials.

Buttons

Campaign and promotional buttons can be made on 2-3 days notice by **Universal**

Badge Co. (27KingstonStBoston,423-3395, open 24 hours a day). Prices are about $25 for 100 (minimum order) and $72/1000, plus $10 for special emblems or designs. There are other companies, too; check "Badges" in the Yellow Pages.

Calculators

Hewlett-Packard and Texas Instruments are the most popular brands. However, unless you are buying a programmable, state-of-the-art calculator, you can usually do better with a Casio, Omron, Corvus, or Novus. The Coop offers a good selection and reasonable prices. However, **Lechmere Sales**, **Jordan Marsh**, and other department stores are frequently cheaper, so be sure to shop around. **Markline** (1105MassAv-Cambridge) is a discount store that sells only calculators. *Tech Talk* and the Institute bulletin boards frequently have ads for second hand calculators at giveaway prices.

Clothing

Boston's better clothing stores are along Boylston St. from the Prudential Center to the Public Gardens. Women's apparel can be found in **Bonwit Teller** (in what was an MIT building many years ago), **Sak's Fifth Avenue**, **Lord and Taylor**, and some of the smaller shops on Boylston and Newbury Streets. Men's stores include **Brooks Brothers** on Newbury St. and **Louis** of Boylston Street for elegant clothing.

Clothes are sold at the large department stores downtown, including **Filene's**, **Jordan Marsh**, and **Kennedy's**. Filene's is famous for its bargain basement, where things get sent after not being sold in the store upstairs, or elsewhere. Every week, the price is reduced by a quarter of the original price (they're given away after a month). The items sold here are often irregulars and seconds (merchandise defective in some way, often so minor you would never notice it). On busy shopping days, the crowds resemble a medium-sized riot, and inhibitions disappear as people try things on in the aisles. It's worth visiting, if only for the laughs. If you shop there, be careful that what you buy isn't beyond repair, such as pants missing a zipper or something like that. Sales on a few items are final. **Note:** Jordan Marsh also has a bargain basement, though it is not nearly as rowdy as Filene's.

The shops on Charles St. at the foot of Beacon Hill, and those near Harvard Square offer far-out styles. Sports and work clothes, along with Levis and pea jackets, are available at the many Army-Navy stores dotting the landscape (cheap, but watch out for poor quality).

Sears has a surplus clothing store in Boston (401ParkDr,near FenwayPark) and their department store in Cambridge also sells clothes. **Central War Surplus** (433Mass-AveCentralSqCambridge) has good prices on blue jeans and work clothes. **Good's Department Store** (11-23BoylstonStHarvardSq) has a wide and interesting selection, and very high prices. They have both men's and women's clothes. **Dazzle** upstairs from Good's, has thirties clothes.

The **Harvard Coop** has stores at Harvard Square and MIT which sell clothing and much else. Clothing quality is generally very good, and the prices are correspondingly high. The Coop also has low-priced lines, but as elsewhere, make sure you don't get stuck with something shoddy.

Chess Supplies

The **Boston Chess Studio** (335NewburyStBoston,267-4077) reputedly has good supplies and helpful clerks.

Cutlery

If you crave an interesting piece of cutlery, or simply a good carving knife, **Stoddard's** (50TemplePlBoston) is the place to go. Also, try **Market Grinding Service** (70NewburySqRoxbury).

Drug Stores

The most convenient to MIT is **Medi Mart** which is located next to Stop and Shop. Medi Mart has very good prescription prices and most everything one would want in a drug store. **Pharmacity** is up in Central Square near to Purity Supreme, it also has a large selection of items. There is also **Kendall Drug** located right in Kendall Square. **College House Pharmacy** is just the other side of the Harvard Bridge in Boston. **Phillips Drug** (155CharlesStBoston) is always open.

Duplicating Services

There are hundreds of printers in Boston, and a xerox machine in every 5&10. The places listed below are those closest to MIT. On large jobs, some shopping around is wise. On very large ones you should seek out someone knowledgeable for advice (LSC and *The Tech* are among people you could talk to). See the section on **facilities** for on-campus printing and copying.

Copy Cop — (815BoylstonStBoston,267-9267) Best on exotic items: oversized and colored xeroxes, xerox reductions, copying color slides. Competent instant printing and bindery.

Gnomon Copy — (245MassAvCam&3stores inHrvdSq,492-2222) Probably the most prolific copy service in the world, with rates to match. Gnomon Press, the instant printing division gives 2-3 day turnaround at prices that usually beat do-it-yourself at LSC (the quality isn't perfect, though). See their ad elsewhere.

Sir Speedy — (895MainStCam,876-6098) Opposite the Shell station up Mass Ave. Full service printer and copy center.

Spaulding Co — (251VassarStCam,491-1230) Across the street from Briggs Field

Graphic Art Center

1337 Beacon St.
Brookline, Mass. 02146
738-4498

(branches throughout Boston). Complete printing and copying facilities.

Electronics

Undoubtedly the most interesting local electronics supply store is **Eli Heffron and Sons** (139HampshireStCambridge,547-4005). They have a constantly-changing inventory of surplus devices, parts, components, and junk (especially the latter). Bargaining is in order on the more expensive items.

If you want something which is more likely to work and to meet specs, you can go to **Lafayette Radio Electronics** (1048CommAvBrookline,267-8900) or **Radio Shack** (730CommAvBoston,734-5855), which is usually out of whatever you need. The **Electronics Research Society** (20B-119,x3-2060) has a large selection of parts for members at reasonably cheap prices. Call them for details on membership.

Man is the only asynchronous computer that can be mass produced by unskilled labor.
— door in 6.711 lab

Fabrics

Cloth sellers near MIT include **Rachel's Fabrics** (493MassAveCambridge), **Singer Sewing Center** (576MassAveCambridge), and **Corcoran's** (615MassAveCambridge). Of these, Rachel's has the lowest prices and most friendly salespeople.

You can buy fabric at wholesale prices in the fabric district (MBTA:Essex), but you should know what you're doing if you shop there. Good places to try are **Winmill**

gnomon copy

What can we say? There are many places you can have copies made. **gnomon** is just one. So we have to treat our customers with appreciation and consider their orders as important as they do. Anyone can say it, but what it comes down to is this: We care. Day-in, day-out, long orders or short, we try to provide better service and better copies at **gnomon,** not just lower the price. Please check us out.

Near MIT
245 Mass. Ave.
492-2222
Mon-Fri: 8 am-12 Midnight
Sat: 10 am-7 pm, Sun: 3 pm-10 pm

In Harvard Square:

1304 Mass. Ave.	1206 Mass. Ave.	99 Mt. Auburn St.
491-1111	876-7767	492-7767

Fabrics (111ChauncySt) for polyesters and drapery material, **Northend Fabrics** (31-HarrisonAv) for fake fur, and **New England Textile** (50EssexSt) for cottons and linens. **Windsor Button Shop** (36ChauncySt) is great for embroidery equipment, trims, lace, and all sorts of accessories.

For unusual but expensive fabric try the imports at **Fabrications** (44BrattleSt-Cambridge) and the Marimekko designs carried by **Crate and Barrel** (1045MassAve-Cambridge).

Flags

The Flag Center (1865MassAvCambridge,876-1040) is supposedly the largest flag store in New England. Incredible number of flags in stock and they can make custom designs on short order.

Florists

There is an expensive florist just four blocks north of MIT (402MassAveCambridge). You would do better, however, to walk further up Mass. Ave. to **Central Florist** in Central Square, which is friendly and relatively inexpensive. **Galgay the Florist** (757-MassAveCambridge) is fancier and more expensive. If all you want is a simple, inexpensive bouquet try the flower stand near the **Kendall Square** subway entrance. Be careful, though — flowers are sometimes wilted there. Harvard Square's lush **Brattle Street Florist** (31BrattleStCambridge) never has an imperfect flower — if you can find one, they'll probably give it to you for half price. If you need an FTD florist, try **Kupersmith Florist** (8BrattleStHarvardSq). If you suddenly need a marigold at 3am Wednesday night, **Fanueil Hall Flower Market** in Quincy Market, near MBTA Haymarket, is open 24 hours every day. Prices are, of course, high.

Food

The closest grocery stores to MIT are **Purity Supreme** in Central Square, **Stop and Shop** on Memorial Drive near the BU Bridge and in Charles River Plaza in Boston near the Longfellow Bridge.

'The Bus,' a service provided by DormCon, runs to Stop and Shop on Memorial Drive every Saturday between 9-5. This has made Stop and Shop very popular with MIT students. You always see someone there whom you know. On campus, small grocery stores are operated by the residents of **Eastgate** and **Westgate** apartments. The Westgate and Eastgate stores are open to the public seven days a week. The **Coop Lobby Shop** also has a few items. Prices here, however, are usually higher than at the large supermarkets, and the selection is very limited.

There are four big chain supermarkets in the area: **Stop and Shop**, **Star Market**, **Purity Supreme**, and **First National**. Competition among them is keen, and if you live near several of them, you should consult the newspapers for the weekly specials. If you want to cut costs you should be attuned to the likelihood that the supermarket down the road will sometimes sell meat more cheaply than the one across the street, though vegetable prices may be better at the latter. Stop and Shop and Star Market have the advantage of staying open late on evenings; check **Late-Night Shopping** for info. Certain Stop and Shop stores have delivery service (the one on Memorial Drive doesn't) and Star Market delivers but not to Cambridge. Most chain stores will cash personal or

payroll checks once you get a courtesy card from their customer service desks, a process which takes about three weeks. There is often a trivial charge (10 or 15 cents per check) for this service. Stores have different limits on personal checks they will cash, the average being about $35, not more than once a week. The limit on paychecks often runs quite a bit higher.

Small grocery stores are distributed throughout residential areas. They are often higher-priced than big stores. The service and quality start at adequate and can build impressively as you get to know the owners. Some stay open until odd hours (11pm or even later) and many are open on Sundays. Quite a few of them deliver on telephone orders, a useful feature for dormitory groups and large apartments.

Cooperatives

Cooperatives have been springing up all over the area. The basic idea is that a group of people can pool their food orders and buy things wholesale in order to cut costs. Many of the larger cooperatives are block cooperatives, though there are some that are larger still, and some that operate out of churches or community centers. Ask around among your neighbors if you want to get into one. A pre-order cooperative has existed at MIT since 1977. It is centered around East Campus and Senior House, but anyone can join. Food is distributed on Tuesdays between 6 and 7 at Talbout Lounge, East Campus. The **Cambridge Food Coop** (MassAvCambridge,661-1580), located several doors in the MIT direction from Purity Supreme in Central Square, has been operating for several years. The **Rising Earth Food Coop** (96RiverStCambridge,354-8846) specializes in grains and other "natural foods."

Haymarket Open-Air Market

There is an open-air market in the Dock Square area of Boston, next to the Haymarket MBTA station and immediately north of Faneuil Hall. A few merchants operate there all week (except Sunday). Friday and Saturday, the place is jammed with people. Fresh fruits and vegetables can be bought there very cheaply, but a few words of caution are in order.

1. Prices vary from booth to booth. The general rush makes moving from place to place extremely difficult, so comparison shopping is a tough job. In general, the booths on the fringes of the area will have higher prices because they can count on receiving business from those not hardy enough to wade into the general fray.

2. Quality can be wonderful, as will become obvious when you see the beautiful displays of fruit and vegetables in the front of every cart. However, merchants normally pick your items from a big box or bag (or the back of the display), which does not necessarily contain food as good as that which is on display. So watch carefully and don't let him fill up your bag without seeing what's going in there. Be sure to check the merchandise before paying and walking away; often you can exchange bad produce.

3. There are wholesale-retail meat stores in the buildings alongside the market, in Quincy Market and around Faneuil Hall, which sell at very low prices. But don't have unreasonable expectations; the things selling for 49 cents a pound are *not* filet mignon. Once you build up a relationship with some of the butchers, you can get excellent bargains, but until then you should watch what you're getting very carefully. If you want good meat you'll have to pay for it. During the summer, it is best to frequent the merchants with good refrigerated rooms.

4. There are also grocery, cheese, leathercraft and other stores around the area. **Al Capone's** is an especially wonderful place to buy cheeses of all sorts at low prices. It's at 72 Blackstone Street.

5. Watch your wallet or pocketbook. Pickpockets love crowds and are out in force on Fridays and Saturdays.

6. Haymarket is open from 6 to 6 on Fridays and Saturdays during the fall and winter. During the summer the hours get somewhat longer. The above hours are the official ones; merchants who haven't sold out by 6 sometimes hang on until 9, unless the weather is very bad. Prices get lower as closing hour approaches, but the advantage of shopping late is dubious since the merchandise is often poorer and has already been sitting out there for as much as 12 hours.

In general, Haymarket offers prices at about half those of supermarkets, and is a very entertaining way to shop. If you can spare the time and effort and don't mind crowds, you should certainly get over there at least once to sample this holdover from colonial times.

Foreign and Specialized Food

There are food markets in Boston catering to all ethnic, religious and socio-political tastes. The following descriptions provide a brief introduction to the facilities available.

Oriental foods are easy to find. Japanese food is available from **Yoshinoya** on Prospect Street, just off Central Square. For Chinese and Southeast Asian foods, go to Chinatown in Boston (MBTA:Essex); you'll find a complete selection of foods and spices, as well as cooking utensils. **Eastern Market** is the best place to communicate in English; it has good-quality food and a clean (if dull) atmosphere. For woks and other utensils try **Reginald Wong and Co.** (SouthSt,about two blocks from Chinatown).

Dozens of "Mom and Pop"-style groceries dot Chinatown's streets; they have all sorts of exotic goodies that Eastern Market lacks. Beware: some of these tiny stores aren't very big on cleanliness, and Asian food-packing companies often aren't too clean either.

Two of the many Greek and Middle Eastern stores are **Samos' Market** (221-BroadwayBoston, in the South End) and **Tripolis Fruit Store** (133HarvardAvAllston). For Italian specialties you can try **A. Baldini & Co.** (27PortlandStBoston) or just wander into the North End of Boston (immediately east of Government Center) or up Cambridge St. in Cambridge. **Cardullo's Gourmet Shop** (6BrattleStCambridge,HarvardSq) has a good selection of Indian, Mexican, Scandinavian, Japanese and many European regional foods, but it is very expensive. **Savenor's Market** (92KirklandSt-Cambridge) has a variety of interesting foods, including a good Jewish Challah.

Cheeses are available from a variety of stores including the one mentioned above under the open-air market. The prices tend to run high. It is not unusual to pay $2.50 a pound and up for really interesting cheeses. The best places to buy them are **The Cheese Shop** (102TremontStBoston), the **Wine and Cheese Cask** (407WashingtonStSomerville), Haymarket, and the North End of Boston. The worst places to buy them are the

fancy shops around Harvard Square and other *haute couture* areas; the price differential is quite large.

Organic and natural foods can be purchased at several stores set up specifically for that purpose. The nearest one to MIT is **Lee Nutrition** (MainStKendallSq) natural rip-off joint, but has some "interesting" food! Another one is **Nature Food Stores** (714MassAvCambridge, a block past CentralSq). **Erewhon Trading Company** (342NewburyStBoston,1731MassAvCambridge) has a large selection with reasonable prices and sells grains and beans in bulk. **Boston Natural Food Co.** (154NewburyStBoston) is a good place for spices and canned "health foods," but not for grains. **Organic Food Cellar** (1050MassAvHarvardSq and 297A NewburyStBoston) has a good selection and reasonable prices. Other local stores are **Cambridge Health Foods** and **Cambridge Country Store**, both on Mass Av in Cambridge past Harvard Square. Fresh vegetables are best purchased at Haymarket, and many local groceries have good stocks of vegetables, nuts, and beans. There are also macrobiotic restaurants; some are listed in the **Restaurant** chapter. The **Westgate** store carries some natural foods.

Spices and herbs can be found at various locations in the regular supermarkets (such as Savenor's; see above) in the several foreign food stores, and at the nature and organic food stores. Two examples of the latter are **Attar** (31PutnamAvCambridge) and **Erewhon** (see above). Also, there are established spice and herb stores such as **Cambridge Country Store** (1759MassAvCambridge;588CommAvBoston;42CharlesStBoston) or **G.S. Cheney and Co.** (7UnionStBoston).

Kosher foods are available from several locations, most of them on Harvard St in Brookline. Ask at the Hillel Office (x3-2982) for specific information.

Fish can be bought at **Legal Sea Foods** (237HampshireStCambridge, in InmanSq), which also boasts a seafood restaurant. Nobody knows why it's called *Legal* though most people seem to agree that is indeed legal. (Julia Child buys her fish there). Fish can also be found in the North End of Boston, notably at **Guiffre's Fish Market** (50SalemStBoston). **Folsom's Seafoods of Boston** (162MassAvBoston) has a large selection of very fresh fish and take-out fish plates. In Central Square, **Atlantic Seafood** has very high prices and quality only slightly better than neighboring Purity Supreme Supermarket. **Bill the Fishman** (ProspectStCentralSq) has excellent fresh fish and the lowest prices around.

Bakeries

Bakeries tend to cluster in ethnic areas. Italian ones can be found in Boston's North End and in Cambridge along Cambridge St. **Royal Pastry Shop** (738CambridgeStCambridge) and other bakeries near there have delicious breads, cakes, and other goodies. Jewish bakeries are centered on Harvard St. near Coolidge Corner in Brookline. **Eagerman's**, the bagel supplier for the Student Center's 24 Hour Coffeehouse, has a surplus bakery outlet (320HarvardSt) that sells fresh bagels, breads, and some pastries at reduced prices. Bakeries in Chinatown sell meat-filled pastries as well as sweets.

Bakeries in the Harvard Square area generally specialize in pastry. Of note are **Blacksmith House** (56BrattleSt), **Cuckoo's Nest** (1670MassAv), **Sage's Bakery**

Kitchen (60ChurchSt), and the **Bagel Bin** (1105MassAv). **Baby Watson** (TheGarage-BoylstonSt) specializes in overpriced cheesecake.

The closest places to buy fresh doughnuts are **Dunkin Donuts** (MassAvCentralSq-Cambridge), **Harvard Donut Shop** (CentralSq) and **Topp's Do-nuts** (795MainSt-Cambridge). The **24 Hour Coffeehouse** on the second floor of the Student Center sells Dunkin Donuts.

Groups of ten or more people can have bread delivered wholesale from **Genest** (395-8330), **La Ronga** (776-2832), **Quinzani** (426-2114), or **Green-Freedman** (269-4700).

Dairies

Surprisingly, having milk delivered to your dorm or apartment can be cheaper than buying it in a supermarket if you and your friends make a large enough order. **Blue Ribbon Dairy** (275-7261), **Sunnyhurst** (438-5500), and **Hood** (242-5550) deliver to the MIT area.

Liquors, Beers and Wines

There are numerous liquor stores in the Boston area carrying the popular brands of beer and liquors along with some assortments of wine. Prices vary, but generally the larger stores have lower prices. Some grocery stores and most of the larger supermarkets also sell alcoholic beverages, notably **Purity Supreme** in Central Square and **Stop and Shop** near the BU Bridge.

In order to buy liquor in Massachusetts, you have to prove you're 20. The regulation is randomly enforced, but things get noticeably tighter around election time.

The following stores either have convenient locations or above average selections and service.

Berenson Liquor Markets (70SummerStBoston, one block south of Filene's,482-7272;1024BeaconStBrookline,277-7020;PrudentialConcourseBoston,536-4515). Knowledgeable salespeople. Credit cards accepted.

Brookline Liquor Mart (1354CommAvBrookline,734-7700) Offers a good selection of wines with low prices and helpful salespeople. Credit cards accepted.

Cave Atlantique (34BoylstonCambridge,492-1780) Does its own importing, resulting in substantial savings on Spanish sherry and other selections.

Central Square Wine (694MassAvCentralSqCambridge,492-5245) This small family-run place offers an excellent selection of wines plus many varieties of beer, both domestic and imported. Also featured are imported cheeses and authentic French bread, fresh daily.

Harvard Provision Company (94MountAuburnStCambridge,offHarvardSq,547-6684). Pretty good selection of all sorts of drinks. Free parking, free delivery, credit cards accepted. There is an ice machine outside operating 24 hours a day.

Harvard Wine and Liquor Co. (CoolidgeCornerBrookline,277-9000). A fine selection of wines. The proprietor is an old MIT grad with a thorough knowledge of wines, which he shares generously with bewildered novices. Credit cards accepted. The place is headquarters for wine-lovers' organizations.

Lechmere Wines Co. Inc. (4CambridgeStCambridge,492-7734). Wines and beer at discount prices.

Libby's Liquor Market (575MassAvCentralSqCambridge,354-3678). Convenient location, reasonable selection.

Martignetti's (1650Sóldier'sFieldRoadExtensionBrighton,782-3700). The world's largest liquor store. A huge selection of anything ever fermented or distilled. Low prices. Free parking.

Savenor's Liquor Mart (100KirklandStCambridge,547-7300). Good selection and knowledgeable assistance. Credit cards *not* accepted, *no* delivery. Part of the Savenor's Supermarket complex.

Warehouse Liquors (LechmereSalesCambridge,354-0488). The lowest prices in Massachusetts.

Wine Cask (WashingtonStSomerville,nearInmanSq) Good selection of wine and cheese. Knowledgable and helpful salespeople.

Wine Cellar (922BeaconStBoston,247-8100). A favorite of MIT students. Prices are slightly higher than average. Free delivery. Let them know you are from MIT.

Soft Drinks

You can order Coke, Fresca, Sprite, Tab, Fanta, root beer, orange, ginger ale, and grape soda from the **Coca-Cola Bottling Company** just across the Charles River in Allston (782-9000). The minimum order for free delivery is 10 cases, not necessarily all the same beverages. Coke is available in 16oz. bottles and 10oz. bottles; the others are available only in 10oz. bottles. When ordering, make sure you mention that it is for a dorm or living group; they don't deliver to individuals.

University Distributing Co. delivers Cott soda (547-5542). They stock many flavors, regular or diet, in cases of 32oz. and 10oz. bottles, and 16oz. cans. There is a minimum order for free delivery.

Pepsi-Cola and **Mountain Dew** (254-2400) can also be delivered, as well as **Canada Dry** (890-2200). **Hires Root Beer, Dr. Pepper, R.C. Cola,** and **7-Up** (444-3100) can be delivered in non-returnable bottles.

Framing

Frameworks (7UplandRdCambridge,nearPorterSq) is a do-it-yourself frame shop. They provide materials and advice; you do the work and save about half the cost of custom framing.

Furniture

There is a tremendous turnover of furniture in the Boston area, especially at the beginning of the summer. If you go about it right, you can furnish an apartment quite cheaply. You can also be assured of being able to resell once you finish with it.

In addition to the ever-present bulletin boards and *Tech Talk* classifieds check the **Technology Matrons' Furniture Exchange**. It's located at 25 Windsor St in Cambridge (the back of one of the Draper buildings), and is open Tuesdays and Thursdays from 10am to 2pm. They buy and sell used furniture. Call x3-4293 for more information. **Goodwill**, the **Salvation Army**, **Divine Sales** (415MassAvCentralSqCambridge), and several stores near Porter Square also sell used furniture, though nowhere near as cheaply.

One option is to make what you need. Check the **Door Store** (940MassAvCambridge) for furniture components, **Ray's Foam Mattress and Cushion Co.** (26A OtisSt-Cambridge) and **Brighton Upholstering Co.** (201MsrO'BrienHwyCambridge) for foam rubber, and **Plywood Ranch** (107FirstStCambridge) for wood. (See also **Building Supplies**.)

Check the listings under Furniture, Furniture-rental, and Furniture-used in the *Yellow Pages* for listings of stores. Avoid stores that specialize in package deals, use high-pressure sales tactics, or have contracts including hidden costs. Be doubly cautious when renting furniture. Most rental firms are more expensive than is reasonable.

Haircutters

Prices for men's haircuts range from $5 for a ROTC cut at the **Tech Coop Barber** (StudentCenter basement) to $15 at one of the fancy salons on Newbury Street. Women's haircuts usually cost even more.

Since hair styling is purely a matter of taste, it is impossible for us to provide a comprehensive listing here. Instead, we list the one place to avoid (The Tech Coop), and the few places where it is possible to get a decent haircut for a reasonable price.

One place many MIT students sware by is **Image** over on Newbury St. For $10 it supposedly cannot be beat. Watch for their discount coupons in *The Tech* and *The Review*.

ARGLO Electrical Supply Co., Inc.
Complete line of Lighting Fixtures
Pole • Desk • Floor Lamps • Shades
Lamp Repair
904 Mass. Ave. — Cambridge
864-0590

The Loft (143NewburyStBoston,262-5003 and 57BoylstonStHarvardSq,661-7660) has a cutting school one night per week, which offers professional styling for under $5. At all other times, The Loft is a super chic clip joint. **Ali's Hair Salon** (MassAve-CentralSqCambridge) offers quality hair styling at $7.50, which is below the going rate. If you are daring, you might try **Mass. School of Barbering** (1254WashingtonSt-Boston), which is reasonably priced, and often good.

Hardware

There are hardware stores all over the Boston area, with industrialized Cambridge having more than its share. We shall satisfy ourselves with a listing of the nearest ones.

Bay Paint & Supply Company (988MassAvCambridge,876-6132) Excellent, friendly service. Will usually take the time to teach you how to use what you buy there.

Dickson Bros. Hardware (26Brattle StCambridge,876-6760) Good selection, courteous and helpful service. Free delivery.

Central Square Hardware and Tool Rental (453MassAvCambridge). You have not truly experienced claustrophobia until you have squeezed your way in here. In addition to an impressive collection of standard hardware, they carry metal bookshelves, unfinished furniture, housewares, mirrors, and scrap lumber. True to their name, they also rent tools. Prices are reasonable. Beware, though — the proprietor is grumpy and hates anyone who looks like a student.

General Hardware and Supply (443MassAvCambridge) Usually has slightly higher

B & D Wallpaper Co.
Cambridge — Central Square
Complete Selection of Decorator wall coverings
Large selection of Photo & Artistic wall & door murals in stock
Also Wall-Tex Hand prints & supergraphics
Open daily 8-5pm Thurs til 8pm
736 Mass Ave. — Cambridge
492-2502

Newly enlarged!
DICKSON BROS.
Hardware, Housewares, Paints
We Mix Paints.
Custom Color Service
1350 Colors Available
ALSO CUSTOM CUTTING OF WINDOW SHADES, ASSORTED COLORS AND DESIGNS, PLUS WHITE
26 Brattle St., Cambridge
876-6760 Yes, We Deliver

prices than Central Square because they carry more name brands. It's easier to find what you want here, however.

Pill Hardware, Inc. (743MassAvCambridge,876-8310) Very good selection, friendly knowledgeable assistance.

Other interesting stores in the vicinity are: **Inman Square Hardware** (1337-CambridgeStCambridge) and **Mills Hardware** (1076CambridgeStCambridge), which are both near Inman Square, and **Economy Hardware** (351MassAvBoston), near Back Bay.

Late Night and Sunday Shopping

Blue laws close down most of Massachusetts on Sunday, but there are some exceptions. For night owls, there are several outlets open late at night. (See also **Restaurants**.) If in doubt, it is a good idea to call first.

Phillips Drug Co. (155CharlesStBoston,just across LongfellowBridge) Drugs, newspapers, some food, some other items. Always open.

Gnomon Copy (1304MassAveCambridge) Xeroxing, photo-offset, open til 1am. Closed Sunday. (319MassAveCambridge) open 'til midnight. Open Sunday.

Star Market (PrudentialCenterBoston;BoylstonStBoston,inFenway) Supermarket, open 24 hours. Closed Sunday.

Stop and Shop (MemDr,past BUBridge;ChurchPark,near SymphonyHall) Supermarket, open'til 11. Closed Sunday.

Purity Supreme (CentralSqCambridge) Another supermarket open 'til 10. Closed Sunday.

White Hen Pantry (371CommAveBoston) Groceries and deli. Always open.

Sunny Corner Farms (49BerkeleyStBoston) Large grocery. Always open.

24 Hour Store (CentralSqCambridge) Groceries, essentials. Always open.

Store 24 (1717BoylstonStBostonKenmoreSq,HarvardSq,cornerB'way&ProspectSt-Cambridge,others) Open 24 hours every day. A miscellaneous collection of trashy items and a few groceries at arbitrarily inflated prices.

The Growers Market (889MemorialDrCambridge) Plants and flowers. Open 7 days a week until 7pm.

Strawberries (30BoylstonStCambridge,HarvardSq) Records, tapes, books. Open until 10pm, midnight Fri and Sat. Closed Sunday.

Paperback Booksmith (37BrattleStCambridge,HarvardSq) Books. Open 'til 1am, on Fridays and Saturdays 'til 2am. Open Sunday.

Commonwealth and Granby Gulf Service Station (605CommAvBoston,nearBU) Always open.

Takis Shell Service Station (MassAvatMainStCambridge) Almost always open.

Merit Gas (287ProspectStCambridge) Always open.

Music Stores

The closest music store to MIT is **E.U. Wurlitzer** at MassAv. & Newbury in Boston. It is usually crowded, but prices on most instruments, especially recorders and guitars, are lower than list prices, and the merchandise is generally very good. **Beacon Musical Instrument Co.** and **Boston Music**, both on Boylston across from the Common, have large selections of most instruments at higher prices. Beacon is connected to **Carl Fisher**, which is the largest seller of sheet music in Boston. Fine woodwinds and some guitars are sold at **Rayburn's** (263HuntingtonAvBoston) though selection is smaller. The Harvard Square stores **Briggs & Briggs** (1270MassAv) and **The Instrument Exchange** (TheGarage) have even higher prices than the downtown stores, though the Exchange has an excellent repair service. **Central Sales** (742MassAvCambridge) has a fantastic selection of all types of instruments, especially guitars. Prices are lower than any of the aforementioned stores and can usually be bargained down even further. However, most of their instruments are used, so make sure you know what you are looking for. **The Record Garage** (12aEliotSt,HarvardSq, behind Coolidge Bank) gives good deals on guitars and amps, and often carries used Martins for under $350. Other places to try are the ads in *Tech Talk* and *The Free Paper* and the Yellow Pages for specialized dealers.

Outing Supplies

The fastest way to buy outing supplies is at the largest local supplier, **Eastern Mountain Sports** (1041CommAvBrighton), but EMS salespeople are often unhelpful if not downright hostile. Furthermore, substantial savings can be realized by checking prices at other local stores and major out-of-town suppliers and by buying at **MIT Outing Club** sales. Local stores include **Wilderness House** (117BrightonAvBrighton), which is much smaller than EMS but often has the same item at a lower price, **Backpackers' Country** (108MtAuburnStHarvardSqCambridge), which has limited selections but knowledgeable, helpful salespeople, and **Herman's World "High Adventure Shops"** (Braintree,Framingham,Peabody) which often has lower prices than EMS on the same item. **Central War Surplus** (433MassAvCambridge) and **Lechmere Sales** often have some outing items, but watch the quality. Large out-of-

DEJA VU Records

1105 Mass. Ave.
Cambridge, Mass.
661-7869

town suppliers are often cheaper. The MIT Outing Club (W20-461,x3-2988) has catalogs of local and out-of-town stores and occasionally runs 20% off sales. Watch their bulletin board (near Medical Dept) for sale announcements or go to their meetings (Mon and Thurs 5-6).

Buy exactly what you need. Make sure the quality is high enough but not too high. Can you buy a house brand instead of a nationally known top quality item? Check *Backpacker* (a national magazine) or the Outing Club for good deals. Save by buying kits instead of finished clothes, synthetic fill instead of down.

Pets

If you want to buy a pet (such as a dog or cat) or maybe even get one for free, check the classified ads in the local papers, especially *Tech Talk, The Boston Phoenix/BAD* or *The Real Paper.* You may also use the *Globe* or the *Herald American,* but their advertisers usually want money for the animals. They are, however, a better place to look if you want a pedigreed animal.

The local chapter of "Friends of the Earth" will sometimes pay for the expenses of having an animal castrated or spayed. This must be arranged with you, them, and your veterinarian.

Photo Equipment

The most convenient place to have film developed is the **Tech Coop**. Prices are generally competitive, and service is friendly. If you're in a hurry, **Ferranti-Dege** (1252-MassAveHarvardSq) offers same-day processing of color slides and very fast service on other jobs. Downtown, **Copley Camera** (480BoylstonStBoston) also offers rapid film processing.

A. Smith is the closest to the 'tute and carries high quality merchandise, but know what you want and how much you want to spend before shopping there. **Lechmere Sales** (88FirstStCambridge) has very low prices and frequent specials. If you only need a camera for a short time, you might consider renting one from **Claus Gelotte** (1290-MassAveHarvardSq).

Used equipment is sold by most stores, but it is usually cheaper to buy it through ads on bulletin boards and in *Tech Talk*. If you want advice before you buy, talk to the people at the MIT Creative Photo Lab in duPont, *Technique*, or *The Tech*.

JAMES F. BRINE INC.

29 Brattle St. Harvard Square 876-4218

Sports Equipment and Apparel for the Entire Family

SKIING	SKATING	JOGGING	TENNIS	DARTING
Downhill	Hockey	Shoes	Rackets	Boards
Cross Country	Figure	Clothing	Clothing	Supplies

BASEBALL	BASKETBALL	RAQUETBALL	LACROSSE
Bats	Shoes	Rackets	Sticks
Gloves	Balls	Shoes	Protective Equipment

BETTER BUYS AT BRINE'S

Plants

Petal Pusher (846MassAveCambridge), which once specialized in small, exotic flowering plants, also has reasonable prices and gives free diagnoses of plant ailments. Dozens of other plant stores can be found in Harvard Square and on Newbury Street in Boston, all with cute names and outrageous prices. **Stop and Shop** (MemorialDr-Cambridge) sells inexpensive greens that are occasionally brown.

The Growers Market (889MemorialDrCambridge) has a large selection and is reasonably close.

The best way to adopt a plant is to take a cutting from a friend's plant, or read the ads in *Tech Talk* and on bulletin boards. The **MIT Women's League** has a plant sale in building 10 lobby every fall, but their prices are unreasonably high.

Records

Once you figure in your rebate, the **Coop** is probably the cheapest place to buy records. The Harvard Coop has the largest collection of records in New England, and the Tech Coop isn't small either. **Strawberries** (30BoylstonStHarvardSq and 709BoylstonSt-Boston) and **Lechmere Sales** (88FirstStCambridge) also have excellent prices and good selection.

Used records are frequently a good deal. **Figaro's Record Shop** (1154MassAve-Cambridge) specializes in used classical records and scores. Prices are low, and you can listen to your record before you buy it. Figaro's also sponsors concerts, which are announced in the store. **Zoundz** (848BoylstonStBoston) sells used jazz recordings, as does **Bojo Records** (52BoylstonStCambridge). **Deja Vu** (1105MassAveCambridge and 151MassAveBoston) sells all types of used records and cutouts.

Shoes

Boston is in the middle of a shoe manufacturing area being smothered by a flood of imports. You will find no lack of places to shop; where you go will be a matter of personal taste and budget. There are stores of various types on Mass Ave. in Central Square, and plenty of fashionable shops in Harvard Square and along Winter St. in Boston.

Charlie-the-Tech-Tailor

"Est. 1918"

Student Center Basement 354-2088

Press your suit
Mend your clothes
Sew on buttons
Dry clean your clothing

Laundry Service Available — Shoe Repairing

N.B. He is noted for the finest work at the lowest prices.

Rosenberg's (CentralSqCambridge) has good and relatively inexpensive shoes.

You can try **Filene's, Jordan's** and those types of stores also. As long as you are not shopping at the factories you will find most stores have comparable prices. **Mary Jane's** (467WashingtonStBoston) and **Baker's Shoes of Cambridge** (521MassAve-Cambridge) have inexpensive shoes, but the shoes are not of high quality. **The Wild Pair** (17WinterStBoston) caters to the earthy college look. **TAHA** (727BoylstonSt-Boston;1312MassAveCambridge) tends more toward the chic preppy look Men's shoes can be found at **French, Shriner and Urner** (201AlewifeBrookPkwyCambridge, across from FreshPondMall). This is by no means a complete list, but if you head in these directions you will be guaranteed to find more shoe stores around.

North of Boston are lots of factory outlets offering discount prices; check the Yellow Pages. **Hyde Factory Outlet** (535WindsorStEastCambridge) has good buys on athletic equipment. For custom-designed footwear try **Tisdell's Sandal Shop** (1160MassAv-Cambridge) and **First Settler Workshop** (118BlackstoneStBoston).

The nearest shoe repair places are in Kendall Square and on Prospect St. in Central Square. **Charlie The Tech Tailor** (Student Center) also does shoe repairs.

Originality is the art of concealing your sources.

— Franklin P. Jones

DIAL: 492-8783
Scholl
Baker's Shoes
- OF CAMBRIDGE -
CORRECTIVE FITTING
FOR MEN, WOMEN AND CHILDREN
521 MASS AVENUE • CENTRAL SQUARE • CAMBRIDGE, MASS. 02139
Clarks®
Sioux OF AMERICA
SOA Shoes, Inc.
Nurse Mates®
Wright Arch Preserver® Shoes
PRO-Keds®
Hush Puppies
CLOGS by Olof Daughters OF COURSE
OLDMAINE trotters®
manistee
DANSKIN®
selva
the quality leader in dance shoes
"Hand Crafted By People Who Care"
Chippewa®

Stamps and Coins

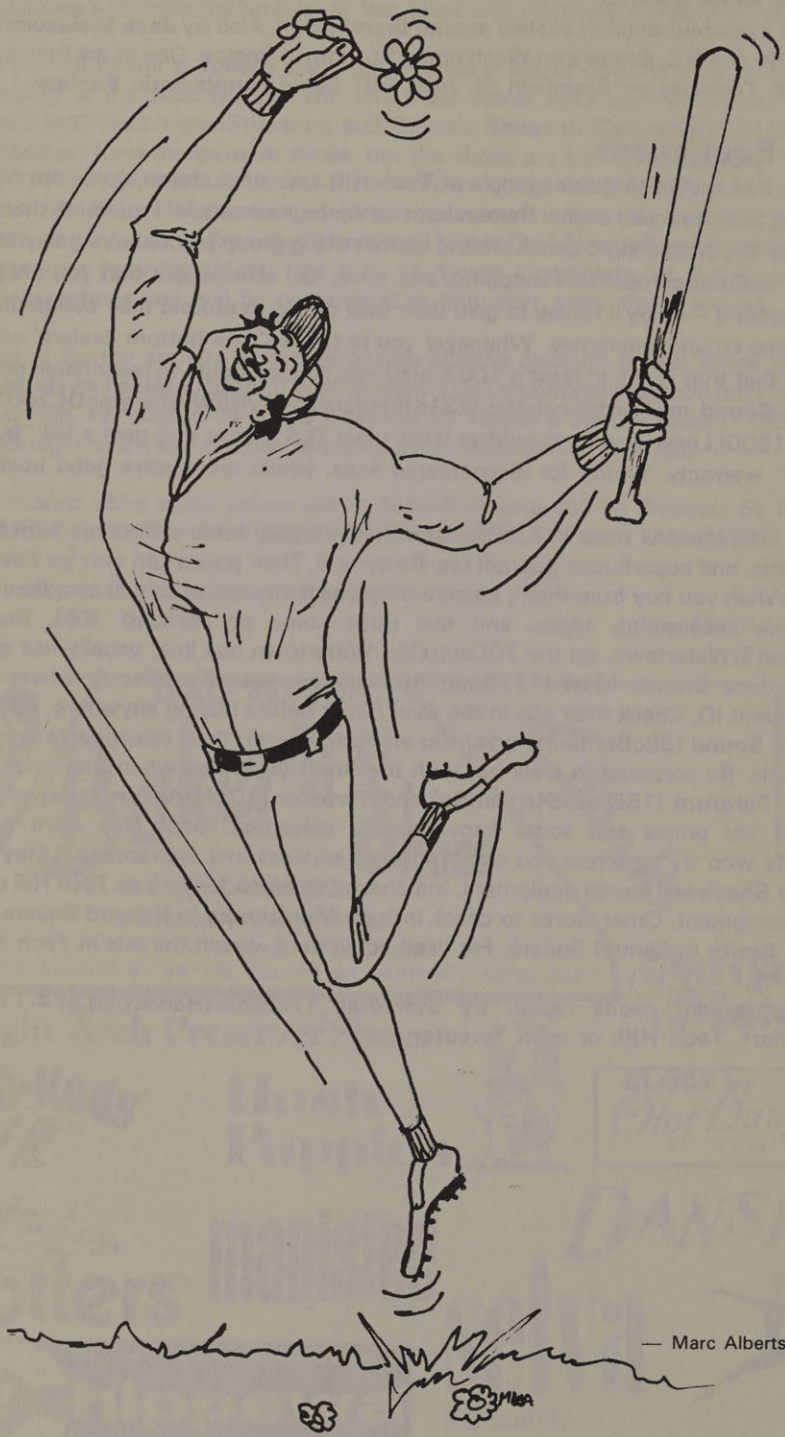
Boston has a concentration of dealers around Bromfield St. Also try **Jack Molesworth** on School St. and **S.L. Stone's** on Washington St., both in Boston. One of the friendlier ones is **J.J. Teaparty** on Bromfield St. Also, MIT has a **Numismatic Society**.

Stereo Equipment

Experience has shown that salespeople at **Tech Hifi** and other stereo stores are more than willing to lie to make a sale. Remember that there are many MIT students that are *real* experts. A novice should check around his/her living group before buying anything. Never buy without comparison shopping, and never tell salespeople that you are just shopping around — they'll refuse to give their best prices to protect their competitors' "lowest price around"guarantee. Whenever you're told a "rock bottom dealers' cost," remember that that is still at least a 100% mark-up. A good guide to reasonable prices is **District Sound** mail order catalog (2316RhodeIslandAvNEWashingtonDC20018,-202-832-1900).Local dealers should at least meet D.S. prices and give a full "buyer protection" warranty. Watch for discontinued lines, which are always good buys.

Tech Hifi (182MassAv near MIT,38BoylstonStHarvardSq) lures customers with blue jeans, beards, and superfluous guarantees. Be cynical. Their prices can only go down if you wait. When you buy from them, be sure to get as many extras as you can; they will provide free accessories, tapes, and taxi rides home on demand. **K&L Sound** (75NBeaconStWatertown, on the 70CentralSq-Watertown bus line) usually has good prices, as does **Brands Mart** (127SmithPlCambridge, near FreshPond), where you need a student ID. Check their ads in the *Real Paper* before buying anywhere. Beware of **Atlantis Sound** (38cBrattleStHarvardSq and elsewhere); their salespeople are real professionals. Be prepared to walk out with the Brooklyn Bridge when they shift into high gear. **Eardrum** (16EliotStHarvardSq) and **Tweeter** (102MtAuburnStHarvardSq) both have fair prices and some knowledgable salesmen. Both also have some salespeople who try to screw you out of money, services and warrantees. **Lafayette** and **Radio Shack** sell stereo equipment, but charge as much for junk as Tech Hifi does for good equipment. Other stores to check include **Minuteman** in Harvard Square and **Wolf and Smith** in Central Square. For used equipment, watch the ads in *Tech Talk*.

If your equipment needs repair, try **Stereolab** (16EliotStHarvardSq,864-1144), **Brands Mart**, **Tech Hifi**, or even **Tweeter Etc.**



— Marc Alberts, *The Review*

Athletics

"Tech is a place for men to work and not for boys to play. Nonetheless. . . "
— President Francis A. Walker, 1894

The MIT athletic programs stress participation and enjoyment rather than the specialized honing of selected intercollegiate teams. Nevertheless participants and coaches tend to be very dedicated, resulting in excellent teams. Anybody in the MIT community, no matter how physically unfit, is welcome to use the athletic facilities and to receive trained assistance in developing his full potential. The programs offered include intercollegiate and intramural sports, physical education classes, private and group instruction in various sports, and recreational facilities of exceptionally high quality.

Athletic Cards

Use of MIT athletic facilities is open to any member of the MIT community who has purchased an athletic card. At $5 for students, $50 for faculty and staff, and $90 for alumni, the card is one of the best bargains in the Boston area. Athletic cards entitle their holder and his immediate family ($25 extra for faculty/staff, $45 extra for alumni) to virtually unlimited use of all athletic facilities except the sailing pavillion. Card holders may even bring guests (50¢ for students, $1 for others). Cards may be purchased at duPont Athletic Center or the Alumni Swimming Pool.

People in Athletics

(Athletic Department, W32-109, x3-4498)

Professor Ross Smith (W32-105; x3-4497) is Director of Athletics at MIT. He and his staff are available to assist students. If someone wants a new team to exist, it can exist. Try talking to Ross. If you need specific information on any sport, call his office or contact the coach.

Jack Barry (W32-115; x3-5002) is Assistant Director of Athletics, the golf coach, and was very helpful in updating this section of *HoToGAMIT*.

Jane Betts (W32-127; x3-4920) is the Women's Intercollegiate Athletic Director, and the women's gymnastics coach.

Dave Michael (W32-123; x3-7947) is the Supervisor of Intramurals, the ski coach and the WSA/scubas instructor.

Ken Cerino (W32-133; x3-7946) is the Sports Information Director, who just started this year. He's responsible for keeping accurate records, writing sports articles for *Tech Talk* and announcing games. You can call him for information on the times and places, and schedules for the season or on a week-by-week basis for any MIT sport.

"Murph" (John Murphey W32-004; x3-2914) is the Equipment Manager. He works at duPont desk. He can make life rough on teams or individuals who don't return their equipment on time. He can also make life easier if you're nice, so smile.

Jimmy Lester, Bob McQuaid (W32-015; x3-4908), Harriet Pearce, Adele Severson

(W31-0017; x3-3206) are the trainers, the experts in dealing with sprains, strains, sore backs and all minor discomforts attendant upon participation in sports or lack of it. Harriet coaches first aid and Adele teaches CPR and maintains the equipment. (see middle of athletic facilities section.)

Steve Pettinato is the President of Athletic Association.

Pete Lemme is the Intramurals Chairman.

Nancy Robinson is the Chairman of Women's Athletic Council.

Diane Medved is the President of the Varisty Club.

Publications

A listing of varsity, junior varsity, and freshman sports, their seasons and their coaches can be found in the *MIT Registration Material* along with the listing of gym courses. More detailed information can be found in the *Freshman Handbook* and a reprint of its Athletic section which the Athletic Department (W32-109) has available. The Athletic Department has some marginally interesting pamphlets like *MIT Winter Sports* which has team rosters and records and some interesting little blurbs about the teams. But the best way to find out about MIT sports is not by reading, it's by doing.

Athletic Organizations

The highest student authority in MIT athletics is the MIT Athletic Association. It members are its President, Secretary, two members-at-large, the Varsity Club, and the Intramural Council, officers of the women's Athletic Council, and a representative from each MITAA Club. THe MITAA sponsors the NCAA Volunteers for Youth, which is a big brother/big sister program for helping junior high school children with problems at school or home. The MITAA is also responsible for keeping its member organizations in line. Its executive committee reviews and evaluates budgets, scheduling, facilities, student morale, outside publicity and the Pysical Education Program. Let them know how you feel.

The Intramural Council, mostly representatives form each eligible organization, meets at least once per month to handle intramural affiars and to appoint intramural managers. The Executive Board handles protests and updates the IM handbook.

The Varsity Club consists of captains and managers of recognized Institute teams. It designates recipients of the straight T, an outstanding athletic achievement award. It publiclzes and recruits for intercollegiate sports and helps out intercollegiate sports events.

The Women's Athletic Council exists to improve women's sports at MIT. It has basically served its purpose and may soon change. It now primarily organizes Women's Sports Brunches.

Athletic Facilities

All MIT athletic facilities are coordinated from duPont (W32,x3-2914). Unless reserved for intercollegiate or intramural use, all facilities are open to athletic card holders on a regular basis. For schedules, contact the individual facilities.

You may have noticed a little construction between Kresge and the Cage. It started in June. It should be finished before the end of 1980, but who knows? It will be the new Athletic Center, with a standard, indoor hockey rink on the first floor, and a field house on the second floor. The field house will have a track with tennis and basketball courts on the infield. While the center is being built, and after the old skating rink has been torn down, MIT will have no skating rink. Arrangements have been made for Varsity Hockey to use BU facilities, and intramurals will continue at the Northeastern Boston Arena.

DuPont Athletic Center has several facilities including squash courts, a workout room, an exercise room including high and parallel bars, a judo mat and a horizontal ladder, a fencing room, a wrestling room, a large gymnasium which is used for everything from registration to final exams to basketball, a 31 firing-point shooting range (rifle and pistol), lockers, showers, sauna facilities, and various smaller rooms. For information on any aspect of the Center call x3-2914, unless you are an instructor wishing to use the gymnasium for finals, in which case you call the Schedules Office (x3-4788). The equipment desk at duPont sells some small athletic items, often below list price. **Other services** include skate sharpening, racket restringing and general equipment work.

MIT Shooting Range, located in the basement of the Armory, is one of the finest in the country. Fifteen points are available for pistol, rimfire .22 through .45 ACP, and 16 points for smallbore rifle. The facilities are open to all members of the MIT community. Equipment is available for a small fee to those who wish to shoot informally, and during the winter many international-style tournaments are held for those interested in formal competition. For details on the various programs, contact the Rangemaster (x3-3296).

There are **training rooms** and trainers for both men (W32-015;x3-4908) and women (W31-0017,x3-3206) in duPont Athletic Center. They are available to all members of the MIT community. Facilities include a whirlpool bath and an exercise bench equipped with elastic bands for extension and flexion exercises. See the trainers if you have muscular aches and pains.

Squash Courts are in three locations. There are eight courts at the Alumni Pool, six courts (of which three are open to women) at duPont and two courts at Walker Memorial. The courts at Walker are open to women, but there are no shower or locker facilities for them there; the nearest facilities are at the swimming pool. The reservation number at the swimming pool is x3-4489, duPont x3-2914. The Walker Courts are not scheduled, and are rumored to be open all night.

Tennis Courts are mainly on Briggs Field. They can be reserved (in season) by calling x3-2912 between 10 and 4pm. Since some of them are clay courts, you must have regulation tennis shoes with smooth soles. Near Walker there are four paved courts which may be reserved by going to the East Campus desk. Don't call, you have to sign up there. The four indoor tennis courts in the J. B. Carr Center may be reserved by students only, at least 48 hours in advance, for the hours of 2-6pm, at no charge. At other

times, and for non-students at all times, a fee of $6 per court is charged. Call x3-1451 for reservations. For both Walker and Briggs courts, reservations must be made one day in advance.

Rockwell Cage is open for jogging during lunch hour over the winter, and is the scene of indoor track meets and intercollegiate basketball games. The Cage also hosts occasional exhibitions, graduations, inaugurations and the Activities Midway in the fall.

Henry G. Steinbrenner Stadium has an excellent cushioned 400 meter (1°4 mile) track which is great for running on if you don't mind going around and around. It can be slippery when cold and wet (even though it's supposed to be all-weather) but you probably won't feel like running then anyways. Field events, soccer, lacrosse, and field hockey are played inside the oval.

Brigg's Field is that empty lot between Vassar Street and Amhearst Alley on the west side of campus. It's the place to go for baseball, softball, tennis, soccer, lacrosse, rugby, field hockey, and intramurals.

Alumni Pool (Building57,x3-4489) is open at different times of the day for physical education classes and open swimming, with family swimming on Fridays and Saturdays. The pool has shower and locker facilities. Towels and swim suits are provided, or you may wear your own suit if you leave it there to be washed. The hours vary according to the time of year. If you want to swim on a particular day call the pool and ask at what time free swimming is. Also you can pick up a schedule of hours at the pool.

MIT Sailing Pavilion is the only facility where an athletic card won't get you in. You have to have a nautical card which can be bought at the Cashier's Office (10-180) and at last count costs $6 for students, $15 for employees, and $25 for alumni, with an additional $1 charge for each family member who will use the card. To be an active member you must also have passed the small craft swimming test. For more information call x3-4884.

The sailing pavilion has quite a few boats of various kinds, for which different levels of expertise are necessary if you want to sign them out. There are also sailing classes (see below) along with individual instruction. Sailing is very popular at MIT, especially during the spring and summer months. If you've never tried it, try it and find out why.

Pierce Boathouse (W8,across from BurtonHouse,x3-6245) is the center for crew and sculling. It has an indoor rowing tank and weight rooms. It is possible to take out a single or double scull if you have a small craft card and know how to scull. Check at the boathouse. To get a small craft card, go to the swimming pool and take the test.

The shower facilities in duPont, the pool, and the boathouse come in handy, especially if you don't live nearby and want to freshen up for one reason or another. Lockers are available, $5 for students, $10 for faculty/staff, plus a $3 deposit on a lock.

Not strictly athletic, but closely related are the bowling alleys and billiard tables in the basement of the Student Center. There are ping pong tables and a pinball room on the second floor of the Student Center. Check with the 24-hour Coffee House for ping pong paddles and balls.

Non-MIT Facilities

Bowling

Many Bostonians believe that bowling (they call it candlepins) consists of trying to knock down a bunch of wooden dowels with three under-sized balls. There are some places that use normal ten-pins as targets, but be sure to check before you go if you're not sure.

Bowl Haven (85BishopRichardAllenDrCam, 876-7200)Central Sq.

Central Alleys Inc. (6BrooklineCam, 354-8525)

Brookline Alleys (6BrooklineCam, 868-3176)

Boylston Bowladrome (1260BoylstonBos, 267-2150)

North Station Bowling Alleys (222½FriendStBoston,523-8871,MBTA:NorthStation) Open daily until midnight.

Kenmore Bowladrome (64BrooklineAveBoston,267-8495) This one is obviously near Kenmore Square. It only has candlepins and billiards.

Sammy White's Brighton Bowl (1600SoldiersFieldRdExtBrighton,254-0710) This place has both kinds of bowling, and on Friday and Saturday nights has an all you can bowl special which can get pretty inexpensive. Generally a hangout for local kids. Easy to get to as long as you have a car.

Ice Skating Rinks

Boston Arena Authority (238StBotolphStBoston,267-3810)

MDC Rink (SomervilleAveSom,623-9717)

Roller Rinks

Roller rinks are a definite problem without a car. Even *with* one, the closest is about 25 minutes away, if you don't get lost. These are listed from closest to farthest.

Bal-a-Roue Roller Skating Arena (376MysticAveMedford,396-4589) This place is open every night and has skate rentals. A definite local hangout where you can rock 'n roll on roller skates. A lot of fun in a group.

Wal-lex Recreation Center (814LexingtonWaltham,894-1527) Open every evening, this place also has bowling and miniature golf.

Di Marzio's Roller Rink (1284SeaQuincy,472-9521) South of Boston and farther than the other two.

Zero Gravity Skateboard Park (37LandsdownCam, 661-1851) indoors. For beginners and pros. Rentals, group rates available. In Central Square.

Team Spirit

"DO IT" — a coach to his team

One way to use the facilities is to get on a team. Many teams will take on beginners and teach them how to participate. Different types of teams exist for every type of person from the "I-just-want-to-have-fun" "D" league bolleyball players to the "I'm-going-to-win-or-almost-die-trying" crew jock.

Club Sports

Club sports can bring together undergrads, grads, and faculty in an informal way since they don't have eligibility requirements or other rules found in Varsity sports. Their activities are controlled by their participants and their student leaders. They receive some support and encouragement from the Athletic Department. For more complete information, call the person involved, the Athletic Department (x3-4498), or look at *MIT Athletic Clubs* by the MITAA Executive Committee (available in the Athletic Department, W32-109)

Archery (Chris Resier, x3-4524) meets weekly, novice to veterans, should supply own tackle.

Badminton (Jookun Lim, 5-9682) Fridays 7-10pm, Sundays 10am-1pm, beginners to intermediate, bring own racket and shuttle cocks.

Cheerleading, W (Carolyn Towler, Laura Davidson) Try outs are in late September. One needs enthusiasm, rhythm and timing to cheer men's Varsity Basketball and Football teams.

Cross Country, W (Sue Krolewski, Cindy Reedy) practice with the men's team, 4-6pm, in the fall, 7-9 mile practices.

Figure Skating (Brian Hess) Need skates and the ability to skate backwards.

Football (Dwight Smith, MIT Athletic Department) Starts practice at the end of August.

Frisbee (Fen 354-6742, Alvin 5-6615, Ralph 5-6409) Ultimate Frisbee and Freestyle.

Hockey (Tom Stagliano,x3-2433,Wayne Pecknold,354-0167) like varsity but grads can play, training (conditioning) begins in October, 1½ hours each afternoon.

Outing (Rob Milne,247-8691) Mondays and Thursdays from 5-6pm, W20-461, outing trips.

Rifle and Pistol (Victor Maslov,x3-3960,Pat Melaragnox3-3296) .22 caliber pistol and open-air rifle and pistol, Tuesday evenings practice and competitions, must pass shooting course first, $7 dues.

Rugby, M (Tom Bryant,Charles Cox) $10 dues, must have health insurance, social members (non-players) also welcome.

Rugby W (PeggyFahnestolk,x3-6418,868-0989,Robin Reenstra,646-7754) Inexperienced but enthusiastic social members also welcome to attend games and post-game parties.

Scuba (Dave Michael,x3-7947) Shorediving every weekend, meetings Tuesdays 20E-012 7-8pm, to plan dives, practice alternate Tuesdays Alum. Pool, 8-9pm need certification.

Soccer, M & W (Tom Stagliano,x3-2433) Year round play, practice with Varsity soccer.

T'ai Chi (Ganes Vaidyanathan,x3-6813) Chinese form of calisthenics which has evolved into a very soft, peaceful exercise, Thurs. W20-407, 4-6pm.

Table Tennis (Richard Parnas,536-2497) Feb.-May competition.

Volleyball, M (David Castanon,x3-2147) Serious competition, twice weekly practices, membership fees.

Water Polo, W(Kelly Gamble,Sheila Konecke) FUN, play in fall and spring.

Wheelmen (David Gaskin) Informal group of bicyclers, training and racing.

White Water (Info: Bulletin Board, Infinite Corridor, Bldg 4) White water kayaking and canoeing, practice alternate Tuesdays, Alumni Pool, $5 dues.

Clubs that were not listed are: Cricket, Fencing, and Trampoline because of lack ofinformation; Folk Dance, Modern Dance, Judo, and Shotokan Karate because they can be found later on in this section.

Community Leagues

In many sports there are leagues for people simply interested in playing. Teams are formed by groups from departments, labs or mere coincidence, and everyone in the MIT community is welcome. The two largest such leagues at present are the **Community Hockey League** and the **Summer Softball League**. Impromptu groups for squash, tennis and handball are also very common, especially at the staff and faculty level. Check with your friends to see if a team already exists which you can join. Call x3-4498.

Intramurals

"If you're feeling athletic, then you can:
A. lie down until the feeling goes away
B. take a cold shower
C. watch the Red Sox on T.V.
D. play intramurals
but not necessarily in that order."

A very extensive intramural program is open to all students, faculty, and staff. Teams can be organized by just about any group, including labs, clubs, and living groups. For many sports there are different leagues for different levels of athletic prowess. The **IM**

Council (W32-133, x3-7947) coordinates all IM competition.

Essential to many IM games, is the referee. You, too, can officiate, and get paid for your efforts. Officiating courses are offered by the physical education department, but you can ref without taking them. Talk to the manager.

Managers are also needed to keep Intramurals alive and well. Some of them are even paid. Don't assume that there always is going to be someone else to do it. IM notices are posted on a bulletin board next to the equipment desk in duPont.

The current intramural sports are:

Badminton	Football (touch)	Squash
Basketball	Golf	Swimming
Bowling	Hockey	Tennis
Billiards	Ping-Pong	Track
Chess	Rifle	Volleyball
Cross-country	Sailing	Waterpolo
Cycling	Soccer	Weightlifting
Fencing	Softball	Wrestling

Class Day

Every Autumn the boathouse watches in amusement and sometimes alarm as various inexperienced (at rowing) living groups try their hand at racing in a crew shell. Besides the living group races, there are races between oarsmen (oarswomen) with some squads racing each other, some classes (hence class day) and some old and new time rivals. The races are organized by the boathouse Commodore(s).

Varsity Sports

There are twenty three varsity sports at MIT. Most sports have a freshman or JV squad and seven have both men and women teams. Teams generally practice 4-6pm or 5-7pm on weekdays. Some crew teams will have morning practices, notably the lightweight squad. Many teams that compete in the spring go to Florida for a few weeks of winter practice over IAP. Interested in being on a team? Go to the Athletic Midway during R/O week, or call up the coach today. You can call x3-4498 to find the coach's name and number.

The current sports are:

Baseball	Hockey	Squash
Basketball, M&W	Lacrosse	Swimming, W&M
Crew, Heavy and Light, M, W	Pistol	Tennis, W&M
Cross Country	Rifle	Indoor and Outdoor Track
Fencing, M&W	Sailing, W&M	Volleyball, W
Field Hockey W	Skiing	Waterpolo
Golf	Soccer	Wrestling
Gymnastics, W&M	Softball, W	

Spectators are welcome, free of charge, at all MIT sporting events. For information on times and places, call Ken Cerino, Sports Information Director, (W32-119, x3-7946). Also Sports events for the week are listed in the Institute Calencar in *Tech Talk*. You can also check the sports page of *The Tech* and the "Sports Today" columns of the Boston newspapers.

Physical Education

In accordance with its broad-based orientation, the Athletic Department offers an enormous variety of classes in sports and general physical education. Special interest groups and individual teachers widen the spectrum to include almost every form of physical activity, including riflery, folk dancing and rock climbing.

During the year, regular physical educational classes meet two hours a week for sessions lasting a quarter (half a term). These classes cover all the varsity sports and often make up a student's first introduction to a sport in which he later participates on an intercollegiate or intramural basis. This statement is especially relevant when applied to such sports as lacrosse, pistol and squash, which few freshmen have participated in before coming to MIT. Also there are classes in development, swimming (from beginner to instructor levels), and such recreational sports as judo and archery.

Although the programs were originally designed for freshmen who have to meet a physical education requirement, anybody can use them, and they are excellent ways to relax, build up physical fitness and learn a sport at the same time. Excluding a few very popular classes such as pistol, rifle, sailing, judo and partner dancing, they are often under-enrolled and thus especially open to upperclassmen, grads, faculty and staff. There is priority for students with unfilled physical education requirements. Registration is in duPont from 8:30 to 11:00am on the first day of classes and some time in the middle of the term. Plan to come early, for some classes a long line forms fast.

During IAP (in January) there are a number of special sessions offered. If you want to get in one of these, sign up early — they fill up fast. It is possible to take certain physical education courses at Wellesley if there are no facilites at MIT (horseback riding, conoeing, etc.).

Other Classes

Hatha Yoga is taught Monday, and sometimes Tuesday evenings and Thursday mornings, by a special interest sub-group of the Technology Matrons. Call Mrs. Turchinetz (862-2613) if you're intereted. The cost is ten classes for $25. The course is especially good for joggers.

Maggie Lettvin of **Maggie and the Beautiful Machine** leads an exercise class in duPont Monday through Friday noon-1pm,1-2pm, and 5-6pm during the school year, and noon to 1pm during the summer. Sessions are open to the entire MIT commnuity. During IAP, Maggie leads clinics on lower back pains and varicose veins.

Dance

The MIT Athletic Department offers partner dancing and tap dance as possibilities for fulfilling the physical education requirement. Theoretically you can register for these half-semester classes for non-credit (i.e., for sheer enjoyment); however, they have limited capacity and fill up fast.

Clubs offer another option. MIT's dance clubs enable interested people to learn, practice, and enjoy their dance skills throughout the entire year.

The MIT Folk Dance Club (W20-437,5-9154) teaches Slavic, Israeli, and other ethnic dance forms. Several times a year it invites famous folk-dance instructors to MIT

to lead special club workshops; occasionally it participates in big folk-dance "festivals" involving well-known Boston groups such as Mandala and Hamakor. Dancing sessions are held several evenings a week; instruction is provided at every session.

International dancing — Sunday, 7:30 to 11pm, Sala de Puerto Rico
Balkan dancing — Tuesday, 7:30 to 11pm, Student Center rm491
Israeli dancing — Thursday, 7-11pm, Sala de Puert Rico

The **Tech Squares** offer a crash course in square dancing for the first eight weeks of each semester. New people are admitted up through the third week; after that, only members (which you become by completing the crash course) and people who have come before are admitted. Dancing is held every Tuesday in the Sala from 8-11.

The **MIT Ballroom Dance Club** provides instruction in tango, polka, foxtrot, and other classic ballroom dances.

If you are intereted in a dance form not offered at MIT, contact the **Joy of Movement Center** (536MassAveCambridge,492-4680). They offer an incredibly wide variety of dance styles, occasionally including exotic forms such as flamenco. Once or twice a year the Center publishes a guide which is distribued in Lobby 7 and in the Student Center.
If you are interested in philosophical self-development in the true Oriental tradition, or simply in the rudiments of self-defense, the Boston area has plenty to offer you. Numerous schools and "Asian culture institutes" exist; watch the MIT bulletin boards for their advertisements. MIT itself has several martial-arts groups which welcome both novices and experts.

The **Shim Gum Do Club** (W20-401) teaches the art of Zen swordsmanship — skill with the samurai sword combined with elements of Zen philosophy. Although technically a martial art, it serves mainly to teach its students self-discipline and personal development. Free classes are coed and are held 2-3 hours/week.

The **Goju-Kai Karate Club** teaches a different style of Japanese karate and stresses vigorous workouts and a strict discipline. It presents karate as a sport rather than a self-defense technique; its members participate in intercollegiate competition. Classes are *not* free; beginners pay a higher fee. Practices are held 5-6 hours/week with extra sessions for beginners.

Both the Cambridge YMCA and YWCA offer classes in the martial arts. The YMCA teaches shotokan karate three nights per week, at a cost of $25/month for as many months as you want. The YWCA teaches judo and beginnning and advanced karate, at a cost of $22/course. As with all "Y" activities, you must be a member to take a class.

Private schools in the martial arts abound. *Caveat Emptor.* According to a knowledgeable member of the MIT Shotokan club, many area schools care more about the dollars they receive than the instruction they give. Ask qualified people before committing yourself. The MIT Shotokan club has a 6th-degree black-belt instructor who comes in once a week; he can give you expert advice.

Spectator Sports

Boston has major league football, baseball, basketball, and hockey teams, along with an impressive roster of collegiate teams, community teams, semi-professional, and special groups. For information about yesterday's local or national games, call the *Boston Globe* Score Board anytime (265-6600).

The **New England Patriots**, with a new stadium, have experienced a rebirth of interest and enthusiasm. Most home games, played at Schaefer Stadium in Foxboro, were sell-outs. For information and tickets, call the club at 262-1776. Round trip rail fare to the stadium from South Station is only $3. Call 482-4400 for more information.

Until this year, the **Boston Red Sox** in the American League have been playing hot-cold baseball since they won the pennant in 1975. They have star players such as Fred Lynn and Jim Rice and enjoy fanatic support from the Boston fans. They play at Fenway Park, which is near Kenmore Square — convenient by foot or subway, guaranteed traffic jam by auto. For more information call 267-8661.

The **Celtics** are Boston's professional basketball team in the NBA. Games are played in the Boston Garden, located over North Station and thus easily accessible by subway. Tickets for most games will be available at game time in the Garden, as many Bostonians are strictly hockey fans. However, games against New York, Milwaukee, and Los Angeles often sell out earlier. For tickets and more information call 523-6050.

The **Bruins** are the biggest thing in professional sports around Boston. The pride of Boston's innumerable hockey fans and the scourge of the NHL, the Bruins generally make the play-offs, but only lose to Montreal. The Bruins also play at the Garden, but tickets are hard to come by. Watch the papers for announcements of sales dates, or call the box office at 277-3200.

Big league soccer is as alive and well in Boston as anywhere else in the country. Home games for the **Tea Men** (277-8520) of the North American Soccer League are played at Boston University's Nickerson Field. The schedule runs from the beginning of May through early September. Tickets are sold at Nickerson Field. Summer of '78 they played in Foxboro (Schaefer Stadium); next summer, who knows?

Amateur soccer is more firmly established — the Harvard varsity is often near the top of the collegiate ranks. Also, Dilboy Field in Somerville often sees good games between immigrants' teams. The Harvard-MIT graduate student team is a perennially strong contender among the amateurs, and often plays at Briggs Field on Sundays.

The **Lobsters** are the Boston tennis team. Their season is during the summer. Call 353-1188 for more information. They may or may not happen. Wait and see.

The famous **Boston Marathon**, run each year on Patriot's Day (in mid-April), draws large numbers of both competitors and spectators. Details will appear in the papers about a month before the competition. To run in the Marathon you must meet qualifying times from running in a previous marathon. If you are female and want to try something smaller than the Boston Marathon, try the **Bonne Belle** race.

Other sporting events in Boston include horse racing, which draws bigger crowds than any other sport. **Suffolk Downs** racetrack features harness racing in the fall, flat racing in the late spring. It is easily accessible by car or by MBTA, as is **Wonderland**, the greyhound racing center. During the summer there is harness racing at **Foxboro**, located south of Boston on Rt95. Additionally, **Rockingham Park** in New Hampshire and **Narragansett Park** in Rhode Island are within comfortable distance for people who enjoy horse racing.

Roller derbies and professional wrestling are occasional visitors at the Boston Garden, and Sam Silverman is usually busy promoting boxing in the Boston area. Roller derbies are also telecast on channel 38; tune them in sometime for a *strange* experience.

But the meat of spectator sports around Boston lies in the collegiate teams which compete in every imaginable sport, including tiddly-winks. Those collegiate events which draw the greatest crowds include football at Harvard and Boston College, basketball at the same two schools and hockey and crew races in general (especially the Head of the Charles in early November). This specific listing is not meant to belittle anything not mentioned, merely to point out the most obvious popular events.

After they've been exposed to MIT a few years and get into activities and athletics, a lot of them really blossom. I mean, the change is remarkable. It seems that they're a lot more normal as seniors than they were as freshmen.

— MIT grad student as quoted in *Sports Illustrated* article on sports at MIT.

Media

Radio

Boston is one of the largest radio markets in the country. The programming offered by the commercial stations is similar to what you'll find in most cities in the country, featuring mostly rock, pop, Top 40, and Muzak. On the other hand, Boston does have a large number of public network and college stations which feature no commercials and music not played by most commercial stations (jazz, classical, folk, etc.) WGBH is the local public outlet. Eight college stations are listed here, mostly at the low end of the FM dial. WTBS (MIT), WBUR (BU), and WERS (Emerson) are the most easily received on campus.

AM Stations

In the following listing the format is:
Call letters — (Frequency in kHz) (Affiliation/Location)

WEEI — (590) (CBS/Boston) All news 5am-10pm; mystery, sports, and talk all night.

WKLB — (640) (Grahm Jr. College/Boston) Top 40, rock, jazz.

WRKO — (680) (RKO General/Boston) Top 40's rock.

WCAS — (740) (Cambridge) Folk and rock. Good alternative news. Signs off at dusk.

WHDH — (850) (Boston) Upbeat popular.

WRYT — (950) Religious music, some popular.

WBZ — (1030) (Westinghouse/Boston) Popular music, talk shows, Patriots, Celtics, BC football, Bruins.

WILD — (1090) Soul music.

WEZE — (1260) (ABC/Boston) Rock, oldies, and albums.

WJDA — (1300) (Quincy) Dentist-office music.

WHET — (1330) (Waltham) Big Band music.

WNSR — (1360) (ABC/Lynn) Jazz.

WWEL — (1430) (Medford) EZ.

WITS — (1510) (NBC/Boston) Talk, news, and sports. Red Sox.

WNTN — (1550) (Newton) Muzak.

WUNR — (1600) (Brookline) Ethnic programs, soul (midnight-3am).

If Boston's stations don't satisfy you, or if you are homesick, you can listen to numerous out-of-town AM stations at night. Continuous news can be heard on WCBS (880 kHz) and WINS (1010) from New York, or WBBM (780) from Chicago. Top 40 rock booms in on WPTR (1540) from Albany, on WABC (770) from New York, and slightly less regularly on WLS (890) and WCFL (1000) from Chicago. Excellent classical music programming is on WQXR (1560) in New York. Numerous other stations around the US and Canada can be heard at night; most of the powerful stations are between 640 and 900kHz, 990 and 1220kHz, and 1500 and 1580kHz. Incidentally, WBZ-AM (Boston) can be heard in 38 states at night.

FM Stations

Call letters — [Frequency in MHz (Stereo) (Hours per day) Affiliation/Location]

* — Easily received in Cambridge.

***WMBR** — [88.1 (21) Studios at MIT/Cambridge] MIT's station is staffed by students and non-MIT people. Their studios are in the basement of Walker. They play just about everything imaginable, from rock to Indian music. Live coverage of MIT events. Rock and pop mornings, classical late afternoon, jazz early evening, soul late at night. Folk, disco, and other music at various times. Call x3-4000 or 5-6731 for a program guide. Requests can be called into 5-6731 or 494-8810.

***WERS** — [88.9S (20) Emerson College/Boston] Good jazz in afternoon, very good classical early evening, "Black Experience" late at night. Rock and other types of music (including folk and country) at other times. Program guide available.

***WGBH** — [89.7S (18) Eastern Public Radio/Boston] Classical, educational, jazz all night. Live music (BSO three times a week, and Tanglewood concerts; New England Conservatory) and high quality tapes (BBC; CBC; organ recitals). Sometimes participates in 4-channel broadcasts of the BSO with WCRB. Poetry, literature, public affairs. Strong, clean signal. Program guide available.

WZBC — [90.3 Boston College/Newton] Rock, jazz, R&B. Good.

***WBUR** — [90.9S (18) Studios at Boston U/Boston] Boston's jazz station. Jazz in the morning and late evening with classical in the afternoon. Excellent public affairs programming in the early evening. Strong signal; can be received on amplifiers in Back Bay. Get your local EE jock to install a "tuned trap" if you don't want to hear it. Program guide available.

WMFO — [91.5 (24) Tufts U/Medford] Progressive rock, jazz. Good. Weak signal.

WRBB — [91.7 (12) Northeastern U/Boston] Rock, fusion, some sports. Good. Weak signal.

WPRO — [92.3S (24) Providence] Rock. Truly obnoxious DJ's.

WHAV — [92.5S (18) Haverhill] EZ.

WBOS — [92.9S (19) Brookline] EZ background; foreign language programs.

***WCGY** — [93.7S (24) Lawrence] Rock, few commercials. Automated.

***WCOZ** — [94.5S (24)] Progressive rock, mostly albums.

***WHRB** — [95.3S (18) Harvard U/Cambridge] Jazz, classical, folk, rock. Features "music orgies" during Harvard reading periods (January and May). Few, low-key commercials. For program guide, call 495-4818.

WATD — [95.9 Marshfield] Contemporary music. Readings for the blind on subcarrier channel.

***WJIB** — [96.7S (24) GE/Boston] EZ background. Very clean signal.

***WROR** — [98.5S (24) RKO General/Boston] Automated oldies, Wolfman Jack.

WPLM — [99.1S (19) Plymouth] Music of 40's. Weak.

***WSSH** — [99.5S (24) Lowell] EZ background.

***WTTK** — [100.7S (24) Boston] Progressive rock, albums.

WLYN — [101.7 (18) ABC-ent/Lynn] Variety.

WCRB — [102.5S (24) ABC-info/Waltham] The only full-time classical station left. BSO, Pops, and Tanglewood concerts (often live) Friday-Sunday evenings. "WCRB Saturday Night" comedy show weekly about 10:30-12:30am, then jazz 'til 8am. Few commercials 1am-6am any day. Occasionally participates in simulcasts with WGBH-FM for 4-channel sound and/or with WGBH-TV presenting video. Program guide published monthly in *Boston Today* magazine. Weak signal.

***WEEI** — [103.3S (19) CBS/Boston] Light Rock.

***WBCN** — [104.1S (24) Boston] Progressive rock. Wider variety of music than WCOZ or WTTK. Participates in a simulcast of concerts with WGBH-TV on Saturday night.

WPJB — [105.1S (19) Providence] EZ during day. Classical evening programs. Weak signal.

***WVBF** — [105.7S (24) Framingham] Rock. DJ's and commercials can be obnoxious at times; however, it has improved in this respect. Strong signal.

***WBZ** — [106.7S (21) Westinghouse/Boston] New wave, rock. Strong Signal.

WAAF — [107.3S (24) ABC-amer/Worcester] Rock. Few commercials.

***WWEL** — [107.9 (19) ABC-ent/Medford] EZ, ethnic programming, Red Sox. Strong signal.

Television

Boston is blessed with 8 television channels. The VHF band is the home of the major networks, while the UHF band includes several interesting independents. WGBH, channel 2, is one of the best public television stations in the country and broadcasts some remarkably good films, concerts and experimental programs.

TV Stations

Call letters — [Channel/Affiliation/Location]

* Easily received in Cambridge.

***WGBH** — [2/PBS/Boston] Public TV. Films, documentaries, BSO concerts, experimental programs, public affairs. High quality programming, no commercials. Participate in TV-radio simulcasts with WCRB-FM and WBCN. They produce much of the nationwide programming seen on other public stations.

***WBZ** — [4/NBC/Boston] Standard NBC fare.

***WCVB** — [5/ABC/Boston] Standard ABC fare, some public-interest programming. All night programming.

WTEV — [6/CBS/New Bedford MA] Standard CBS fare.

***WNAC** — [7/CBS/Boston] Standard CBS fare.

WMUR — [9/ABC/Manchester NH] Standard ABC fare, old movies.

***WJAR** — [10/NBC/Providence RI] Standard NBC fare.

WENH — [11/Durham NH] Public TV, New Hampshire style.

WPRI — [12/ABC/Providence RI] Standard ABC fare.

***WXME** — [25/Boston] *Old* reruns, religious programs.

WSMW — [27/Worcester MA] Movies, reruns, old movies, Celtics.

***WSBK** — [38/Boston] Movies, reruns, sports, some CBS shows, Bruins, Red Sox.

***WGBX** — [44/PBS/Boston] Educational, medical, science reports, experimental programming, language instruction. Associated with WGBH. If you missed a program on Channel 2, try 44 — it may have the same thing a few days later.

***WLVI** — [56/Cambridge] Reruns, old movies. Creature Feature, Chiller Theater and Sherlock Holmes movies every Saturday night. Star Trek.

Newspapers

The three daily Boston newspapers are **The Boston Globe**, **The Boston Herald-American**, and **The Christian Science Monitor**. The **Globe** is a liberal, Democratic newspaper. It carries syndicated columns, and was one of the first papers in the country to publish the celebrated "Pentagon Papers." The **Herald-American** is a Hearst product and is fond of sensationalism and banner headlines. The **Christian Science Monitor** prints news and analysis, generally of high quality, and has the most intelligent editorials of the Boston dailies. It is aimed at a national audience and is weak on local news. Most people here read the **New York Times** due to its superior national and international coverage.

Two weeklies, **The Boston Phoenix** and **The Real Paper**, are local examples of the "alternative" press. They regularly publish "muck-raking" articles about world, national, and local affairs, and competition between the papers is fierce. Reviews of entertainment products and programs, complete listings of the week's events, and some incredible classified ads are also featured. Free college market versions, called respectively **B.A.D.** and **The Free Paper** are distributed on the MIT campus in front of the Tech Coop on Tuesdays and Wednesdays.

The **Cambridge Chronicle** and other smaller weekly publications are oriented toward local communities. There are some foreign language weeklies for minority groups in Boston.

Finally, several political groups have weekly papers which they are continuously hawking. These are often quite biased and polemical, but make interesting reading and occasionally break stories before the regular newspapers do.

. . . and so, the science of genetics has made tremendous gains. For instance, statistical studies have shown that chances are that if your parents didn't have children, you won't either.

— a 9th grade biology report.

On Campus

There are three student newspapers published at MIT. **The Tech** (W20-483,x3-1541) has news, sports, commentary, and arts reviews, and is distributed on campus Tuesdays and Fridays during the school year. The **MIT/Wellesley Review** is distributed at Wellesley and Simmons as well as MIT and features more sports, frat news, and Wellesley and Simmons news. **Ergo** (W20-443,dl5-9181), an objectivist paper, is distributed each Wednesday at MIT, BU, Tufts, and Harvard. All these papers are given out free on campus, and will accept letters, articles and advertising.

The Graduate, a monthly magazine published by the Graduate Student Council, is mailed to all graduate students.

The official MIT publication is **Tech Talk**, which is distributed free on campus every Wednesday. It includes a calendar of the week's events, feature articles, classified ads, and a listing of available MIT jobs. Ads are accepted from the entire MIT community.

The student literary magazine **Rune** comes out at varying intervals, and is sold in the lobby of Building 10. The yearbook, **Technique** (W20-451,x3-2980), is published each spring. It costs less if you buy it in advance.

The MIT radio station, **WMBR** broadcasts on 88.1 FM to the entire Boston area. Monthly schedules are sent out free upon request (x3-4000). (See the preceding section on **Radio**.)

The Sloan Foundation has provided a several million dollar grant for the establishment and operation of a cable television system at MIT. There are now two cable channels, six student programming organizations, and several monitors around the campus.

WHAT DOES A DO?

Book Exchange
Ticket Service
Blood Drives
HoToGAMIT
Silkscreening
UNICEF Christmas Cards
Projector Rentals
Freshman Picturebook
Duplicating Machines
Freshman Activity Info
Kaleidoscope T-Shirts
Travel and Vacation Info
and much more . . . .

Need these services? Call or stop by our office.
Want to help provide them? Come to our open meeting the first week of school in September.

Technology Community Association W20-450, MIT Student Center, 253-4885

Groups

MIT is a community of nearly 20,000 people — staff, employees, faculty, administrators, and students. So no matter how unusual your interest or problem may be, someone around the Instutite probably shares it with you.

Groups covered in this chapter include: academic/honorary societies, children, foreign citizens, handicapped people, hobby groups, homosexuals, music and drama groups, religious groups, service organizations, student governments, and women. Publishing and broadcasting groups can be found in **Media**.

For more information, read the *Freshman Handbook*, available from the Office of Freshman Advising (7-103), and check the front of the *Student Telephone Directory.*

Academic/Honorary Societies

Most departments have student chapters of national organizations. To contact the organization for your specialty, see your department headquarters.

Active honorary societies include **Tau Beta Pi** for all engineers, **Phi Beta Kappa** for non-engineers, **Pi Tau Sigma** for mechanical engineers, **Phi Lambda Upsilon** for chemists and chemical engineers, and **Eta Kappa Nu** for electrical engineers. Requirements for admission vary. Generally you must be in the top fifth of your class, with a cum above 4.6, and be active in campus life. Admission to honorary societies is by invitation only.

Children

MIT does provide a few services for children of members of the MIT community. These services include day care, a pediatric clinic, and athletic facilities use.

Day Care

There are currently three child care programs for pre-school children operating on campus that are available to all members of the MIT community. **Family Day Care** (licensed home care for groups of usually 2-4 children) is available full- or part-time, on-campus or off-campus, for children from infancy to five years. **Full-day Care** and **Half-day Nursery School** are available for children 3-5 years old through **Technology Children's Center**.

Information about eligibility requirements, fees and availability of space can be obtained from the Child Care Office (4-144,x3-1592; Margaret Sand, Coordinator).

The Child Care Office starts from the premise that child care is for parents too, and can help you determine what is the most suitable care for you and your child. They can refer you to services off- as well as on-campus.

Medical Services

The Medical Department's Pediatric Clinic, staffed by two pediatricians and a pediatric nurse practitioner, is available to children of faculty, staff, employees, and students.

Visits are on a fee-for-service basis and include well-baby exams. Fees are covered for dependents of employees on the MIT Health Plan.

Athletic Facilities

Children of those with athletic cards are admitted free to the skating rink and the swimming pool. However, they are allowed to use these facilities only during a limited number of hours. They have no privileges at the duPont Athletic Center.

Skating lessons for the children of the MIT community are given by members of the Athletic Department on Saturday mornings during the months of December, January and February. Application blanks and rink schedules are distributed in November. An athletic card and a tuition fee are required. Swimming lessons for MIT community children are also provided by the Department. They are held on Saturday mornings beginning in late September and continuing through mid-November. To allow individual instruction, classes are limited in size, and are restricted to children between the ages of 6 and 14. Again, an athletic card and fee are required. For further information on these services, call the Athletic Department headquarters (x3-4498).

During the summer, the Department of Athletics sponsors a Day Camp for MIT community children between the ages of 6 and 13. Notices about registration are mailed in January or early February. A staff of trained counselors gives instruction in swimming, tennis, sailing, and a variety of other activities. The Camp continues for eight weeks, and children may be registered for any combination of two-week periods. For further information, call Director Peter Close (x3-7946).

Dance

MIT has four very active dance groups which are always willing to teach new members. Most of these groups have members from various colleges and are known for their talents all over New England.

Ballroom Dance Club
Folk Dance Club
High Frequency Square Dance Association
Tech Squares

Foreign Citizens

The first place for students to go with questions or problems is the **Foreign Students Office** (3-107,x3-3795). If they can't help you, they should be able to refer you to someone who can. Foreign staff members should consult with the **Information Center** (7-121,x3-2851).

For **Adjustment Problems**, the social workers, Mrs. Buck and Mrs. Rodrigues are very helpful to newcomers and their families having difficulty adjusting to the cultural milieu of the United States. There is an open house at the beginning of September to acquaint newcomers and families with available resources at MIT and in the Boston area.

Aliens in the United States must file an **Alien Address Card** with the Immigration Service each January. These cards may be picked up from the Foreign Students Office, a post office, or the local office of the Immigration and Naturalization Service.

America and Americans: North America contains the largest area of uniform culture in the world. Most Americans have never met someone from another culture and are

likely to be ignorant of yours. There will be about as many things in your culture that will disturb Americans as there are aspects of American culture that bother you. Don't hesitate to ask questions; for the most part you will get friendly answers. It won't hurt to try to explain your culture as well.

Americans have an informal, active way of life, and to many people they may appear to be very abrupt. Formal introductions are not usually needed; if you want to be friends with the person next door, introduce yourself. Dress is very flexible. Rarely if ever is formal attire required; it can always be rented, if need be. If you have any doubts, ask. Conversations and telephone calls usually come right to the point. There are very few formalities observed.

Americans for the most part don't line up neatly. They tend to bunch up. However, everyone seems to know who's first and crowding is definitely frowned upon.

Sales people and officials are not, nor do they consider themselves, inferiors or servants of the public, and they act accordingly. With a pleasant smile and a gracious attitude on your part you will find them most anxious to help.

But when they came they answered as they took their fee
'there is no cure for this disease.'

— Belloc

Driver's License: Drivers from a number of countries may drive for one year in the US on their home licenses. The end of the year is designated as the earlier of (1) the end of the academic year, or (2) one calendar year from the date of entry into the US. For more details, consult the Foreign Students Office, Campus Patrol, or the Registry of Motor Vehicles.

Employment: Before taking a job, talk with someone at the Foreign Students Office, since permission for employment is not automatically granted under the terms of F and J visas. Wives on F visas may *not* accept paid employment. Some students holding J-1 visas and their wives (J-2) are permitted employment only if they need to work for self-support. Recently, restrictions on foreign citizens taking jobs in America have been greatly stiffened and jobs will be very hard to find.

English for Foreign Citizens: The Personnel Office offers "English as a Second Language" classes for students and spouses. Call x3-4251 for information. The MIT Women's League (10-342,x3-3656) also gives English classes for student or faculty wives. Visit the Language Lab (14-0641,x3-2310) and the Foreign Students Office where you can be refered to other opportunities to improve your English.

Families: Five hundred families in the area host MIT foreign students each year. We hope you and your host family will enjoy seeing each other. However, if you do not want to see your host family on a particular occasion, refuse their invitation politely. First-year students can change their host families if desired. If you want a host family, or want to become one, the staff at the Foreign Student Office (3-107,x3-3795) will explain the procedures involved.

Immigration: A good chapter on the subject appears in the *Asian Student Orientation Handbook.* Copies are available at the Foreign Students Office. They also have the US Government publication on applying for citizenship.

Approximately once a month the Foreign Students Office holds a seminar for those students who are particularly interested in permanent residence (immigration) procedures. For time and date, check with the Office.

Income Tax: For information call the Alien Tax Information Office (223-3446).

Insurance: In the MIT Student Health Program, outside hospitalization insurance is compulsory for foreign students. The *Asian Student Orientation Handbook* describes the various types of insurance available to foreign students. Copies are available at the Foreign Students Office. Campus Patrol can also help you with auto insurance, etc. If you have questions concerning MIT medical insurance, check with the Medical Department (x3-4371).

Passports and Visas: Check the pamphlet *Information for Admitted Foreign Students,* which you should have received upon arrival here. If you no longer have your copy, get another from the Foreign Students Office. There is no need to renew visas when they expire if you do not leave the country, but I-94's always have to be valid. Check with the Office for renewal procedures.

Personnel Directory: In addition to the *Institute Directory* and the *Student Directory* (both have a Departmental Directory), there are a *Foreign Students Directory* at the back of the *Student Directory,* and a *Foreign Staff Directory* at the Registry of Guests (7-121).

Political Action: Legally speaking, you are free to participate in any sort of political action as long as it does not violate the laws of the United States. However, on the practical level, it is unsafe for you to participate in activities which may bring down upon you the unfavorable attention of the police; immigration officials think twice about renewing the visa of someone arrested for political activity, whether or not he was later convicted.

UROP for Foreign Students: There are offerings in the Undergraduate Research Opportunities Program (UROP) of particular interest to foreign students. Check with the UROP Office (20B-141,x3-5049) and the UROP Directory.

National and cultural groups on campus include:

African Students Association
Arab Club
Chinese Students Club
Club Latino
Hellenic Students Association
International Students Organization
Israeli Club
MIT Malaysian-Singapore Students Association
Sangam
Slavic Society (RUKU)
Thai Students Club

Handicapped People

A map showing ramps, walkways and other special facilities for handicapped people (and those transporting heavy loads) is available at the Information Office (7-121,x3-

4795). Also check with APO (W20-415,x3-3788) for information on Boston and Cambridge. There is also a map of the Institute for the blind next to the Information Office, 7-121. This map is the result of a thesis done by an MIT student in Course IV.

Hobby Groups

There are hobby groups on campus for every possible hobby, from breeding fish to jumping out of planes. Clubs can be reached through the Association of Student Activities (W20-401,x3-2696). Student heads are listed in phone directory.

Arnold Air Society
Association for Recording Science
Automobile Club
Bridge Club
Chess Club
Debate Society
Ecology Action
Electronics Research Society
Exotic Fish Society
Film Society
Flying Club
Frisbee Club
Go Club
Goju-Kai Karate Club
Guild of Bell Ringers
Juggling Club
Magic Society
Math Club
Numismatic Society
Objectivist Study Group
Outing Club
Radio Society
Rocket Society
RUNE (Literary Magazine)
Science Fiction Society
Shim gum Do Club
Shotokan Karate Club
Soaring Association
Society for Creative Anachronism
Strategic Games Society
Student Art Association
Student Org. for Minority Arts
Tech Model Aircrafters
Tech Model Railroad Club
Tiddlywinks Association
UHF Repeater Society
Unicycle Club
University Scouting Advisors

Homosexuals

Getting around MIT doesn't have to be a hassle for anyone, even if you're gay or are having problems with your sexual identity or orientation. There are a surprising variety of people to turn to, places to go, and things to do. There is no reason to feel any reserve about using any or all of the resources available. It's the reason they exist.

Gays at MIT (GAMIT) is a group of MIT students and affiliated people who have a concern for one another and for the quality of life of gay people on campus. The gay hotline phone, x3-5440, can be called almost anytime, and you can be sure of having someone on the other end to talk to.

The **Deans' Office** offers informal counseling also. Robert Halfman (5-104,x3-4861) is the dean who seems to get the most recommendations. There's always the psychiatrists' office, but you do have to make an appointment (x3-2916). Here, recommendations are Joseph Brenner and Rochelle Friedman. (CAUTION: Certain people are known to be quite uptight about homosexuality in their counseling. It is recommended that before seeing anyone, you talk to someone who has already seen that person. If you don't know anyone, call the hotline.)

If you don't want to be bothered with MIT-based people, Boston's **Homophile Com-**

munity Health Service runs a counseling service. Their number is 542-5188. There is a fee, but it's mostly pay-what-you-can.

GAMIT also maintains a bulletin board in the first floor corridor of Building 3, next to the Admissions Office. It'll keep you posted as to what's going on around campus as well as other schools and the Boston gay community. The group has a lounge, which is on the third floor of Walker (50-306,dl5-6745).

Boston's **Gay Communuty News** (GCN) is the paper to read if you really want to be informed about things in the "real world." Its news largely concerns New England, but it runs a weekly calendar of events, as well as a listing of every gay group in New England. You can either read it in the lounge or pick one up at most newsstands.

There's also the **Charles Street Meetinghouse Coffeehouse**, where you can buy light snacks and desserts. It's a nice place to meet people. And, of course, there are the bars. To find out more about them, call the hotline (x3-5440).

This is only a partial listing of resources. Hopefully it will get you started on a healthy and productive semester.

The people's government, made for the people, made by the people, and answerable to the people.

— D. Webster

Music and Drama

Most performing organizations on campus are open to the entire MIT community. Musical groups can generally be reached through John Buttrick in the Music Office (14N-238,x3-4892). Drama groups are coordinated by Bob Scanlon (W16-018,x3-2908). Watch *Tech Talk* for schedules of auditions and performances.

Choral Society
Chorallaries
Concert Band
Concert Jazz Band
Dramashop
Festival Jazz Band
Gospel Choir
Logarhythms
Madrigal Society
Musical Theatre Guild
Shakespeare Ensemble
Symphony Orchestra

Religious Groups

We have a maxim in the House of Commons, and written on the walls of our house, that old ways are the safest and surest ways.

— Sir Edward Coke

Baha'i

The **MIT Baha'i Association** has weekly meetings. Check *Tech Talk* and the bulletin boards in Building 2 for information.

Buddhist

The **MIT Buddhist Association** was founded in 1976. For information, contact Dave Dvore (628-3814,x3-4189).

Catholic

Catholic services on campus are held in the Chapel every Sunday at 9:15, 12:15, and 5:15. Mass is also celebrated weekdays. For information, contact the full time Catholic chaplain, Rev. Moran of the Paulist Fathers (W2a,x3-2961,227-6414). The **Tech Catholic Community** (W20-441,dl5-9142) organizes activities on campus.

Local Catholic churches include:

Blessed Sacrament Church (189PearlStCentralSqCambridge,547-1669).

Sacred Heart Church (49SixthStCambridge,547-0399).

Saint Ann's Church (70StStephanStBoston,266-2635)

Saint Anthony Shrine (100ArchStBoston,542-6440).

Saint Francis Prudential Chapel (PrudentialCenterBoston,542-6448).

Saint Paul's Church (34MtAuburnStCambridge,491-8400).

Eastern Orthodox

Local Churches include:

Greek Orthodox Church of St. Constantine and Helen (14MagazineStCentralSq-Cambridge,876-3601).

Russian Orthodox Cathedral (165ParkDrBoston,262-9490).

Saint Mary's Orthodox Catholic Church (8InmanStCambridge,547-1234).

Jewish

The **MIT Hillel Society** (W2a,x3-2982) sponsors social, religious, and Zionist activities. Reform services are held Friday evenings in the Chapel. Orthodox Sabbath services are held Saturday in the Student Center. Check *Tech Talk,* the Hillel Office, and the bulletin board off the main corridor in Building 4 for more information. Kosher meals are available from the Kosher Kitchen (50-005,dl5-6750). Reservations are generally required, and can be made at the Hillel Office. The publication *Jewish Boston,* describing all Jewish activities in the area, is available at the Hillel Office.

BU Hillel (233BayStateRdBoston,266-3880), Harvard Hillel (1BryandStCambridge, 867-6138), Northeastern Hillel (1360HuntingtonAvBoston,437-2628), and Simmons Hillel (300TheFenwayBoston) all offer religious services and activities of interest.

Local synagogues include:

Cambridge Shul (8TremontStCambridge). Conservative.

Congregation Beth Pinchas (1710BeaconStBrookline). Home of the Hassidic Bostoner Rebbe.

Congregation Kehillath Israel (384HarvardStBrookline). Conservative.

Havurat Shalom Community (113CollegeAvSomerville). A communal group, with innovative conservative services and classes.

Temple Israel (LongwoodAv&PlymouthBoston). Reform.

Temple Ohabei Shalom (1187BeaconStBrookline). Reform.

Vilna Shul (16PhillipsStBoston). Orthodox.

Young Israel of Brookline (62GreegStBrookline). Orthodox.

Moslem

Services are held on Friday in Kresge or the Student Center. The **Islamic Society** can be contacted through the Foreign Students Office (3-107,x3-3795).

Protestant

There are several active Christian groups on campus, and someone is running a service just about every day. Check *Tech Talk* and the bulletin boards in Building 2. United Christian Fellowship runs services on Sundays. For more information, see the Protestant chaplains, Jessica Christ (W2a,x3-2325) and Steve Paradise (W2a,x3-2983).

Most of the following on-campus Christian groups share an office in the Student Center (W20-441,dl5-9142):

Campus Crusade for Christ/College Life
Christian Students
United Christian Fellowship
MIT Seekers
Latter Day Saints Association
Way Campus Outreach

Protestant Churches in the MIT area include:

Beacon Hill Friends House (6ChestnutStBoston,227-9118). Quaker.

Bethel Revival Center (HarcourtStBoston). Full gospel church from the holiness tradition.

Cambridge Christian Center (atChristChurchCambridge,2pm) Charismatic church with fairly traditional Protestant services and a network of Bible study and prayer groups.

Cambridge Church of the Nazarine (FranklinStCambridge) Plain Bible teaching in a multi-ethnic setting.

Christ Church (ZeroGardenStCambridge) Episcopal church, popular with MIT students.

Harvard-Epworth Methodist Church (1555MassAvCambridge,354-0837).

Inman United Presbyterian (InmanSqCambridge). Emphasizes Biblical Christian Community, with charismatic leanings.

Jehovah's Witnesses (136StBotolphStBoston,267-1108).

King's Chapel (58TremontStBoston,523-1749). Unitarian.

The Mother Church (105FalmouthStBoston,262-2300). Christian Scientist.

Old South Church (645BoylstonStBoston,536-1970). Congregational.

Park Street Church (1ParkStBoston,523-3383). Large congregational church with special student fellowship.

Ruggles Baptist Church (ParkDr&BeaconStBoston). Bible teaching with close "family groups," including ministry and fellowship groups.

St. Paul A.M.E. (ColumbiaStCambridge,nearMIT). Traditional Black preaching and singing. Very popular with MIT students.

University Lutheran (HarvardSq). Modern Lutheran.

Western Ave. Baptist (WesternAvCambridge). Baptist church with roots in the Black community.

Vedanta Society

Swami Sarvagatanada leads meditation and teaches. Friday afternoon in the chapel. For information, call him at 536-5320.

Morality is only moral when it is voluntary.

— Lincoln Steffens

Service Organizations

Alpha Phi Omega (APO) (W20-415,x3-3788) projects include renovation of local scout camps, fund raising for charities, and others to improve the quality of life both on and off campus.

Ecology Action (W20-002,x3-7922).

Education Studies Program (W20-467,x3-4882) offers educational programs to local youths. MIT students are the teachers, and the results are impressive.

Lecture Series Committee (W20-457,x3-3791) presents movies thrice weekly and occasional lectures, just to keep their name legitimate.

Technology Community Association (TCA) (W20-450,x3-4885) publishes this book, runs a ticket service, book exchange, silk screen and duplicator services, and assists blood drives.

Urban Action (20C-014) members participate as volunteers in Boston and Cambridge community programs, including tutoring, hospital work, aid to handicapped and mentally retarded, and legal research.

The quality, not the longevity, of one's life is what is important.

— M.L. King, Jr.

Student Governments

That governs best which governs least.

Association of Student Activities (ASA) (W20-401,x3-2696) is responsible for recognition of activities and assignment of office space.

Dormitory Council (Dormcon) (W20-413,x5-9174).

Finance Board (Finboard) (W20-405,x3-2696) controls the purse strings of organizations recognized by the ASA.

Graduate Student Council (GSC) (50-110,x3-2195).

Interfraternity Conference (IFC) (W20-413,x5-9174).

Nominations Committee (W20-401,x3-2696) appoints student members of Institute and UA committees.

Student Center Committee (SCC) (W20-347,x3-3916).

Student Information Processing Board (SIPB) (39-200,x3-7788) manages student computer time, and is the major social group of computer hackers.

Undergraduate Association (UA) (W20-401,x3-2696).

Women

MIT is unusual in that the males here greatly outnumber the females. Therefore, women here have different experiences and problems than they would in other places. All services that are open for males are also available to women; in addition, a few activities and services especially for women are also available.

The **Margaret Cheney Room** (3-310,x3-4880) is a room especially set aside for females. It has a grand piano, complete kitchen equipment, beds, study areas, and showers. It serves as a meeting place for women's activities and women in general. Keys are available from the Deans' Office (5-104,x3-4861).

Before I built a wall I'd ask to know
What I was walling in or walling out,
And to whom i was like to give offense.

— Robert Frost

If you are a female and have a problem (medical, social, academic, psychological, or otherwise), all the counseling and medical services of the Institute are open to you. However, if you prefer counseling or treatment by a female, you can get it. Dean Ann Thompson (5-104,x3-4861) specializes in counseling. Other helpful women are Dotty Bowe, Assistant Director of Financial Aid (5-119,x3-4971), Mrs. Rodrigues and Mrs. Buck, the social workers (Medical Dept,x3-4911), Mrs. Schwartz, the sociologist (Medical Dept,x3-2916), and Rochelle Friedman, a psychiatrist (Medical Dept,x3-2916).

The Medical Department has a female dermatologist. A female gynecologist is available two afternoons a week. The department does have a full-time midwife, Helena McDonough, RN. Florence Dingle, the nurse in charge of gynecology, is also very helpful. Gynecology is covered by MIT Students Medical Insurance. Birth control advice and contraceptives are available on a confidential basis to those who wish them. For more information, call the Medical Department.

If you should find yourself discriminated against because of your sex, notify Mary Rowe (10-215,x3-5921), Special Assistant for Women and Work, who is specifically concerned with the quality of life for all women connected with MIT.

Women's groups at MIT include:

Association of MIT Alumnae (AMITA) meets regularly. They also serve as an organization in which current students may meet with alumnae to discuss careers, chat informally, etc.

Association of Women Students (AWS) is run by students under the guidance of Dean Anne Thompson. The projects it untertakes are determined by the members and can range from finding speakers, giving support to the women's sports program, serving as an information resource, and possibly founding a Women's Center at MIT.

MIT Lesbian Causus and Wellesley Mytilene Society are two organizations for gay women. More information on the first is available through the Contact Line (x3-5440) and on the latter through the Wellesley Women's Center.

Sojourner is MIT's women's newspaper. Contact Allison Platt (NE43-425,x3-5856) for more information.

Technology Wives Organization is an organization for married women students and wives of both foreign and American students. Their purpose is to welcome women, to help them adjust to their new life at MIT, and to offer them opportunities to form friendships. They sponsor monthly meetings and numerous social events. For more information call Barbara Wall (484-1716).

The Wives' Group is a group of American and foreign wives of students, staff, faculty, and visiting scientists who meet weekly from September through June to get acquainted, hear invited speakers, and generally to become familiar with MIT and the communities in which newcomers live. Babysitting is provided. The group is informal, and new members may join at any time during the year. The group has produced *The Wives' Notebook*, an information guide to help families new to MIT get to know people and organizations that can make their stay in the Cambridge community easier. For more information, call the discussion leaders: Dr. Schwartz (x3-2916), Mrs. Rodrigues (x3-1684), or Mrs. Hulsizer (x3-2968). For copies of *The Wives' Notebook* come to 12-128B.

Women's Advisory Group is a representative committee of all the women's groups at MIT which serves as a lobbying group for improvements or decisions affecting MIT women. Representatives are appointed. For more information, contact Mary Rowe (10-215,x3-5921).

Women's Athletic Council consists of representatives from each women's team at MIT for the purpose of furthering development of athletic programs and facilities for women. (MIT has an extensive women's athletic program. There are varsity basketball, tennis, fencing, swimming, sailing, and crew teams, as well as synchronized swimming, softball, gymnastics, and volleyball clubs.)

Women's Forum members include all women at MIT. They meet regularly to discuss a wide variety of topics and offer a good opportunity for faculty and students to get together. They have a mailbox in 24-017, or call Betty Campbell, x3-6067.

MIT Women's League includes all wives of faculty, administrative and research staff, and female staff members. They have a meeting room (Emma Rogers Room,10-240) and an adjoining office (x3-3656). In addition to having special programs, members are involved in a number of projects that benefit the community at large, e.g. Furniture Exchange, English Classes for Foreign Wives, Fall Foliage Tour, Plant Sale, Christmas Convocation, MIT-Red Cross Blood Drives, Seminar Series, and the Newcomer Welcoming Committee.

Off-campus women's organizations include:

Boston Women's Collective, Inc (490BeaconStBoston,266-2620) is a non-profit organization that researches and publishes educational materials.

Boston Women's Health Book Collective (Box192Somerville02144) has written the book *Our Bodies Ourselves* and has an ongoing interest in health care and services.

Center for Women's Legal Studies (678MassAvCambridge,492-5200) does test litigation on problems affecting women. If they accept your case, their services are free. Also connected with them is the Women's Law Collective, a group of women attorneys who handle private legal matters for a fee.

Daughters of the Bilitis (419BoylstonStBoston,262-1592) is the oldest lesbian organization in the country. It serves as a social group as well as providing some counseling and legal action.

National Organization for Women (NOW) (45NewburyStBoston,267-6160) is the eastern Massachusetts chapter of this multi-faceted organization for men and women. Through educational and political involvement they deal with issues of abortion, employment, child care, health, and religion. They offer speakers' bureaus, legal referral, and consciousness-raising groups.

There can be no free men until there are free women.

— unknown

Loose Ends

The following organizations didn't fit into any of the headings used in the chapter.

Black Students Union (50-105,x3-2022) sponsors many social activities on campus. On-campus lobbying, volunteer work in the local communities, and tutoring are other BSU activities.

Social Action Coordinating Committee (50-304) coordinates leftist activities on campus. They are the only active political group left over from the sixties.

Vegetarian Community (W20-401,x3-2696) distributes restaurant and shopping guides, has monthly pot luck dinners, and conducts cooking classes.

WHAT DOES A DO?

Book Exchange
Ticket Service
Blood Drives
HoToGAMIT
Silkscreening
UNICEF Christmas Cards
Projector Rentals
Freshman Picturebook
Duplicating Machines
Freshman Activity Info
Kaleidoscope T-Shirts
Travel and Vacation Info
and much more . . . .

Need these services? Call or stop by our office.
Want to help provide them? Come to our open meeting the first week of school in September.

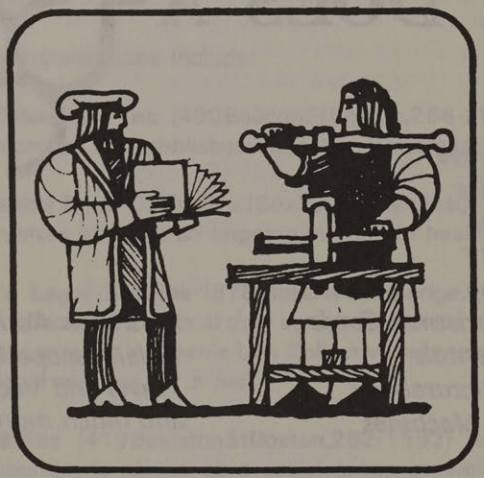
Technology Community Association W20-450, MIT Student Center, 253-4885

WHAT IS THE GSC?

We'd like to skip a lengthy introduction and the associated formalisms and get right down to the heart of this all. What is the GSC? What does it do? What has it done? Is it doing anything for you?

In a world of acronyms, the GSC is the Graduate Student Council, whose members are elected from every department and graduate living group at MIT. What's our motivation? The answer is simple: self-interest. If that strikes you, then read on.

ORGANIZATION: The Council has a number of committees concerned with the broad issues of Activities, Academic Projects and Policies, Housing and Community Affairs, and Publications, all of which are coordinated by the Executive Committee. The committees' basic functions are to take care of details and suggest action to the whole Council which discusses, deliberates, and makes decisions. It's sometimes questionable whether all this works, but we try. Our success rate has been excellent.



ACTIVITIES: The GSC supports a number of graduate-oriented organizations and activities at MIT. A few include the Tech Wives Organization, the Muddy Charles Pub, teaching awards for instructors of graduate courses, and *HoToGAMIT*, a "How To Get Around MIT" manual. We also provide funds for supplementary budgets for social activities at the departml level. This year, we ran fall and spring orientation programs for incoming graduate students, providing food, friendship, and information. We feel this was a success and plan to do it again next year. We annually sponsor a luncheon for all the departmental graduate office secretaries, in an attempt to coordinate and improve communications and activities regarding graduate students at that level.

The GSC nominates graduate students to represent our interests on a wide variety of Institute committees, including the Stockholders and Board of Directors of the Harvard Cooperative Society (the Coop), the Corporation Joint Advisory Committee on Institute Wide Affairs (CJAC), and the Committee on Graduate School Policy (CGSP).

ISSUES:

(1) **GRADING.** At the graduate level, many departments have their own standards regarding grading and the granting of degrees. In many cases, these standards are not publicized. We have worked towards an "open door" policy and the standardization of these criteria Institute-wide.

(2) **ATHLETICS.** Scheduling priorities for the use of activity areas (*e.g.*, the swimming pool) has placed the "casual" user at the bottom of the list. With intercollegiate, intramural, and club activities receiving top priority for scheduling, graduate students, who make up a large segment of the "casual" user population, have little opportunity to avail themselves of the facilities. Two examples of this are the incredible crowding at the squash courts and during many "open swimming" periods at the Alumni Pool.

In the past, there has been very little effort on the part of the Athletics Department to acquaint graduate students with the opportu nities and facilities available to them. Hopefully, this will change with a new "flyer" to be distributed to graduate students on Registration Day this coming fall.

(3) **REGISTRATION.** Present registration procedures require extensive duplication of information on a myriad of forms. We're presently studying ways to improve the efficiency of this system, both for students and the administration.

Other issues which we have been continually concerned with are funding for graduate students, guidelines for research and teaching assistant responsibilities, and discriminatory practices in the funding of undergraduate vs. graduate extracurricular activities.

HOW AND WHY TO GET INVOLVED: If you have any feelings on these or any other ideas, please let us know. If you, as a grad student, are having problems with the idiosyncracies of MIT call us . . . perhaps we can help, and we'll do our best! We're located in Walker Memorial on the main floor (50-110) strategically in front of the Muddy Charles Pub. Our telephone number is ext. 3-2195. Our administrative secretary is Pegg Hunter.

Telephones

Telephone Information

Telephones

There are three phone systems at MIT. They are more or less independent, but can be interconnected as described later.

1. **Outside Lines** (regular telephones) may be rented from the **New England Telephone Company** (NET). Rates charged depend on what kind of service (message-unit, suburban, WATS, etc.) you use. Check with the phone company and estimate your calling pattern before ordering. A common practice in dormitories and apartments is for several students to share the cost of a phone with unlimited metropolitan service. Additional monthly charges are made for touch-tone and trimline phones.

2. **MIT Centrex Extensions** may be found in Institute offices, a few fraternities, some classrooms, lounges, and many random places. They are rented from New England Telephone by MIT and are the backbone of the Institute's internal communication system. You can call dormlines, Harvard, Wellesley, and other selected places by using established tielines; see the Institute Telephone Directory for general information, lists of public extensions, and tielines. An Institute extension is almost always a number such as 253-xxxx. On most of these, you cannot call local numbers outside of MIT (unless there is a tieline); however, some phones may be used for local outside calls by dialing 9 first.

3. **Dormlines** are located in dorm rooms and hallways, some Institute offices and public areas, and student activity offices. The dormline system is owned and operated by MIT. Dormline numbers are generally of the form 5-xxxx, although some special numbers are of the form 5-1xx. To reach a dormline form outside the MIT centrex and dormline systems, (MIT dormlines cannot be reached from outside MIT, 12m-6am daily) phone 253-1000, and ask for the five digit dormline. When calling a dormline from another dormline, only the last four digits are necessary.

A summary of the basic interconnections between systems is given below:

	To:				
From:	*Outside*	*Extension*	*Dormline*	*MIT Operator*	*NET Operator*
Outside	xxx-xxxx	253-xxxx	253-1000 and ask operator	253-1000	0
Extension	9-xxx-xxxx	3-xxxx	5-xxxx	0	190
Dormline		2-3-xxxx	xxxx	0	2-190

Direct Lines to Outside Points

Use MIT dial numbers to save charges. Do not forget to dial "2" first, if dialing from a dormline.

	If Extension Number is Known Dial	If Extension Number is Not Known Dial*
American Academy of Arts and Sciences 522-2400	3-2403	3-2403
Bates Linear Accelerator 245-6600	183 + three digits	183-011*
Bedford Flight Facility 274-8250	182-183 + three digits	182-183-215
Draper Laboratory 258-1000	182 + five digits	182-0*
Education Development Center, Inc. 969-7100	196 + three digits	196-0*
Harvard University 495-1000 **Harvard Business School** 495-6000 **Radcliffe College** 495-8000	186 + five digits	186-5-5000*
Lincoln Laboratory 862-5500	181 + four or three digits	181-0*
Haystack	181-56 + three digits	181-0*
Millstone	181-56 + three digits	181-0*
Massachusetts General Hospital 762-2000	193 + four digits	193-2090*
Medical Area Service Corporation 732-2300 **Harvard Medical School** 732-1000 **Joslin Diabetes Foundation Inc.** 732-2400 **Sidney Farber Cancer Institute** 732-3000 **Boston Hospital for Women** 732-4000 **Robert B. Brigham Hospital** 732-5000 **Peter Brent Brigham Hospital** 732-6000	185 + five digits	185-2-2333*
Mount Auburn Hospital 492-3500 **Affiliated Hospitals Center** 732-5500	194 + three digits	194-0*
Technology Coop 491-4230	197 + two digits	197-71*
Wellesley College 235-0320	187 + three digits	187-241*
Woods Hole Oceanographic Institution 548-1400	188 + three digits	188-0*

**Ask the operator for the extension number. When the correct extension is obtained, hang up and place the call again.*

"Outside" calls include long-distance calls in both directions. The New England Telephone Co. is replacing its old toll (long distance) operator boards in Boston that provide 190 and 90 service, with new electronic positions. 190 is the access path for selected Centrex telephones to place toll calls that are to be billed to a credit card number, a third telephone number, or to have the call llaced on a collect basis. 90 is the equivalent access path from Dorm Line telephones. Some extensions will be able to originate local calls, and a few, tightly-conrolled "unlimited" extensions will allow direct-dialed long-distance calls. (Whether done automatically or through an operatior, all outside calls will be billed directly to the originating phone). Otherwise, a caller will have to find one of the many pay phones scattered about the Institute.

The above change will result in dialing 190 or 90 calls differently. In lieu of dialing only 190 or 90, the caller should dial:

190 (or 90) + 0 + seven or ten digits

If the caller dials 1 in lieu of 0, or omits 0 entirely, the caller will receive a rapid busy signal. On the other hand, the following calls will be processed:

190 (or 90) + 411
190 (or 90) + 1 + 555-xxxx
190 (or 90) + 1 + 800 + seven digits
190 (or 90) + 01 + international telephone numbers
190 (or 90) + 0

Information

The New England Telephone information number is 411 on an outside line. For information about MIT extensions and dormlines, dial "0" or ask the MIT operator at 253-1000. They have a list of extensions by room number. Dormline numbers for individuals can be gotten by calling the main desk of the dormitory where the person lives.

The number you have dialed is imaginary. Please multiply by i *and dial again.*

Repairs

the repairs number for outside lines is 611; for MIT extensions it is x3-3654. Doirmline problems should be reported at dl181.

The following pages list some of the most often called numbers around the Institute and outside:

MIT Telephone Numbers

MIT,77Mass.Ave.,Cambridge,MA 02139
Telephone: (617) 253-1000

	Room	*dl*	*Ext.*
Athletic Department	W32		3-7946
Building Repair	E19-135		3-4948

Campus Patrol (CP)	W31-215	5-8191	3-1212
Cheney Room	3-310		3-4880
Child Care	4-144		3-1592
Committee on Academic Performance	4-237		3-4164
Concourse	35-433		3-3200
Dean for Student Affairs	5-104		3-6776
Office (Counseling)			
Directory Assistance (MIT Op.)		0	0
Dormitory Desks and Faculty Residents			
Ashdown (Desk)	W1	191	3-2961
(Faculty Resident)			3-2968
Baker (Desk)	W7	161	3-3161
(Faculty Resident)			3-3168
Bexley (Manager)	W13	5-9680	3-2963
(Faculty Resident)			3-4138
Burton (Desk)	W51	141	3-3261
(Faculty Resident)			3-3268
East Campus (Desk)	62,64	171	3-2871
East Campus (Faculty Resident)			3-2868
Eastgate (Manager)	E55		3-7463
French House (Desk)	W70	5-7698	
(Faculty Resident)		5-7646	
German House (Desk)	W70	5-7691	
(Faculty Resident)		5-7675	
MacGregor (Desk)	W61	131	3-1461
(Faculty Resident)			3-1468
McCormick (Desk)	W4	151	3-5961
(Faculty Resident)			3-7808
New House (Manager)	W70		3-6563
(Faculty Resident)			3-6568
Random Hall (Desk)	NW61	145	3-7563
(continued on next page)			
Russian House (Desk)	W70	5-7449	
(Faculty Resident)		5-7417	3-4774
Senior House (Desk)	E2,E3	121	3-3191
(Faculty Resident)			3-2858
Tang,Westgate (Manager)	W85		3-5063
Vardebedian House	W70	5-7598	
duPont Equipment Desk	W32		3-2914
Emergency Closings			3-SNOW
Experimental Study Group	24-612		3-7786
Faculty Club	E52		3-4896
Financial Aid Office	5-119		3-4971
Graduate School Office	3-136		3-4869
Graduate Student Council	50-110		3-2915
Harvard			186+
Harvard Information			186+5000
Housing Information	7-133		3-4051
I. M. Supervisor			3-7947
Information Office	7-121	180	3-4795

Kosher Kitchen	50-005	5-6750	
LSC Information	W20-457	5-9179	3-3791
Libraries, Information	14S-200		3-5683
Medical Department (9am-5pm)	11		3-4481
(5pm-9am)	W5		3-4485
Office of Freshman Advising	7-103		3-6771
Placement Office	10-140		3-4733
Psychiatric Department	11-203		3-2916
Registrar's Office	E19-335		3-4784
Religious Counselors	W2a		3-2985
The Review			3-3715
Student Accounts Office	E19-215		3-4133
Student Art Association	W20-429		3-7019
Student Center Committee (SCC)	W20-347	5-9187	3-3916
SCC Hotline (Partyline)			3-3942
Student Center Manager	W20-343		3-3913
Student Employment	5-119		3-4973
Student Information Processing Board	39-200		3-7788
Student Loans			3-3344
Taxis:			
Boston Cab			536-5010
Cambridge Taxi			547-3000
Town Taxi			536-5000
The Tech			3-1541
Tech Coop	W20		197+71
Technology Community Association (TCA)	W20-450		3-4885
Telephone Repair (Outside-611)	E19-741	181	3-3654
24 Hour Coffeehouse	W20-249	5-9188	
Undergraduate Association (UA)	W20-401	5-9157	3-2696
Weather (Outside-WEN-RAIN)		125	
Wellesley			187+
Wellesley Information			187+704

"You can't get God on the phone."

"You're telling me — I can't even get a dial tone."

— Kelly

Outside Telphone Numbers

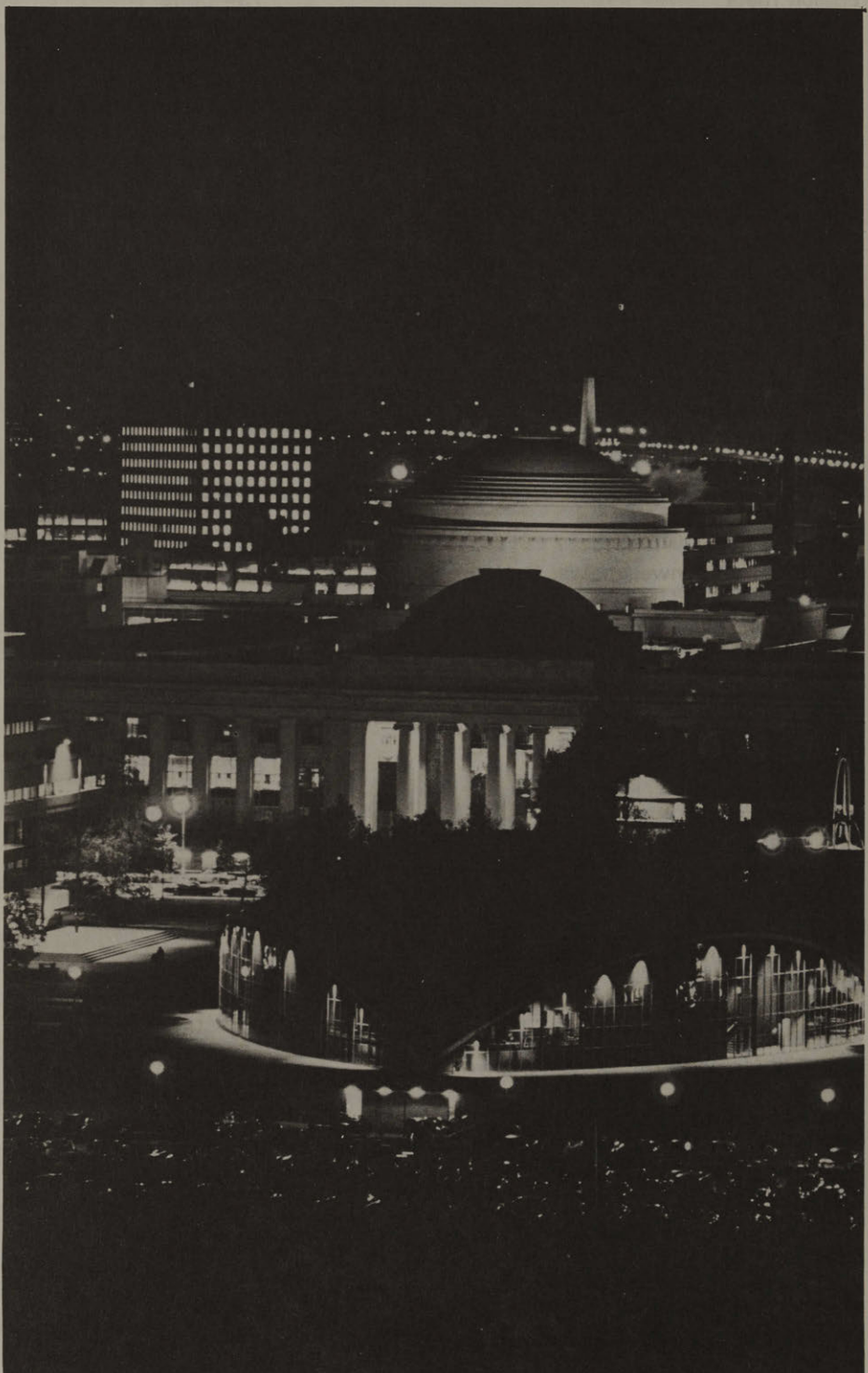
Access Line (Counseling and Information)	661-3900
Ambulance Service	424-4073
	338-1212
American Automobile Association	738-6900
Ask the Globe	929-2990
Better Business Bureau	482-9151
	482-9190
Boston Arts Line (Recording)	261-1660
Call for Action (WBZ)	787-2300

Cambridge City Hall	876-6800
Cambridge Hospital	354-2020
Consumers' Council (Boston)	725-4000
Dental Emergency	726-2000
Dial-a-Poem	492-1144
Dial-a-Prayer (Recording)	566-0125
(Recording)	762-8611
(Live)	523-6075
Fire Department (Cambridge)	876-0125
(Emergency)	876-5800
Legal Aid Society (Boston)	227-0200
Legal Services (Cambridge)	492-5520
Lost and Found (Boston)	722-4100 x253
(MBTA)	722-5716
(Boston Police)	536-6700
MBTA Information (schedules)	722-5000
(service conditions)	722-5050
MIT Switchboard	253-1000
Emergency Closings	253-SNOW
Information	253-4795
Police (Cambridge)	868-3400
Emergency	911
Project Place	267-9150
Smithsonian Sky Report (Recording)	491-1497
Sports Scoreboard (Recording)	265-6600
Tell it to Joe (Boston Herald)	338-6550
Time and Temperature (Recording)	NER-VOUS
Voice of Audobon (Recording)	259-8805
Weather (Recording)	WEN-RAIN
	569-1773
Women's Center	354-8807

Fraternity Telephone Numbers

Alpha Delta Phi	492-8987
351 Mass. Ave., Cambridge	
Alpha Epsilon Pi	267-8574
155 Bay State Rd, Boston	
Alpha Tau Omega	253-7764
405 Memorial Drive, Cambridge	
Beta Theta Pi	247-7717
119 Bay State Rd., Boston	
Chi Phi	247-8355
32 Hereford St., Boston	
Delta Kappa Epsilon	494-8683
403 Memorial Dr., Cambridge	
Delta Tau Delta	247-8275
416 Beacon St., Boston	
Delta Upsilon	536-3931
526 Beacon St., Boston	

Epsilon Theta 259 St. Paul St., Brookline	734-0648
Fenway House 34 The Fenway, Boston	261-2065
Kappa Sigma 407 Memorial Dr., Cambridge	494-0330
Lambda Chi Alpha 99 Bay State Rd., Boston	261-1391
Number Six Club 428 Memorial Dr., Cambridge	494-9833
Nu Delta 460 Beacon St.,Boston	247-8764
Phi Beta Epsilon 400 Memorial Dr. Cambridge	494-8677
Phi Delta Theta 97 Bay State Rd., Boston	247-8691
Phi Gamma Delta (Fiji) 28 The Fenway, Boston	267-0908
Phi Kappa Sigma 530 Beacon St.,Boston	266-2968
Phi Kappa Theta 229 Commonwealth Ave., Boston	247-9364
Pi Kappa Alpha 69 Chestnut St., Cambridge	492-6938
Pi Lambda Phi 450 Beacon St., Boston	267-5529
Sigma Alpha Epsilon 484 Beacon St., Boston	536-1139
Sigma Chi 532 Beacon St., Boston	262-3192
Sigma Phi Epsilon 518 Beacon St., Boston	536-1300
Student House 111 Bay State Rd., Boston	247-0506
Tau Epsilon Phi 253 Commonwealth Ave., Boston	262-5090
Theta Chi 528 Beacon St., Boston	267-1801
Theta Delta Chi 372 Memorial Dr., Cambridge	494-8300
Theta Xi 64-66 Bay State Rd., Boston	266-4363
WILG 366 Mass. Ave., Cambridge	354-1263
Zeta Beta Tau 58 Manchester Rd., Brookline	232-3258
Zeta Psi 905 Main St., Cambridge	
NRSA 311 Memorial Dr., Cambridge	5-9166



Services

MIT is in many lines of business; perhaps you have come into contact with the educational subsidiary. In addition to facilities directly related to education, the Institute has machine shops, art studios, graphic services, and all the comforts of a large resort community. Whatever your heart desires, it is probably available right on campus.

Finding exactly what you want, however, is not always easy. You might start with the Information Office (7-121,x3-4795). Or you can take a fantastic voyage through the yellow pages of your MIT phone book.

We list here only a few of MIT's more interesting, easily accessible facilities. Institute museums are found in **Things To Do**.

Libraries

The MIT Library System

Five divisional libraries, Barker Engineering, Dewey, Humanities, Rotch, and Science, as well as several branch libraries and special service units make up the MIT libraries. The system is not as complicated as it sounds because each of the divisional libraries houses major subject collections that correlate generally to MIT's five Schools: Barker, the engineering collection; Dewey, social sciences and management; Humanities; Rotch, architecture and planning; and Science.

To find out which library covers a particular subject or where a certain book is, call or visit the Insitute Library Catalogue (ILC) in the Humanities Library (x3-5681); the ILC contains a record of all catalogued material in the MIT Libraries. If you want to have a book that is located in one library delivered to another MIT library more convenient for you, telephone 3-5681 to place the request.

The major library units:

Aeronautics and Astronautics	33-316	x3-5665
Barker Engineering	10-500	x3-5663
Chemistry Reading Room	18-480	x3-1891
Dewey (Management and Social Science)	E53-100	x3-5677
Historical Collections	N52-260	x3-4444
Humanities	14S-200	x3-5681
Institute Archives and Special Collections	14N-118	x3-5688
Lindgren (EARTH Sciences)	54-200	x3-5679
Music	14E-109	x3-5689
NASIC (fee-for-service computerized literature searching)	14SM-48	x3-7746
Reserve Book Room for Humanities and Science	14N-132	x3-5675
Rotch (Architecture and Urban Studies)	7-238	x3-7052
Rotch (Visual Collections	7-304	x3-7098
Science	14S-100	x3-5685
Student Center	W20-500	x3-7050
Von Hippel Materials Center Reading Room	13-2137	x3-6840

Some general notes on the libraries:

1. Your MIT student, faculty, or employee ID serves as an MIT library card and must be presented when books are checked out. Families of MIT students, faculty, and employees are entitled to full library privileges with an affiliate card, which may be obatined by applying at any circulation desk.

2. M.I.T. librarians are professionals. Use them.

3. Brochures describing the libraries and their services are available at each unit.

4. You may renew books by phone if they are not overdue; all you need is the call number. However, you may not renew more than three books by phone.

5. Fines are not collected until the fourth day after the due date, but the charge at that time is for four days: so call up and renew!

6. You may order a search for a book you don't find on the shelf; ask at the circulation desk.

7. All libraries have 5¢ copy machines.

8. If the MIT Libraries do not have something you want, you may be able to get it through the Interlibrary Borrwoing Sevice or the Boston Library Consortium. Members of the Consortium are Boston College, Boston Public Library, Boston University, Brandeis University, Northeastern University, Massachusetts State Library, Tufts University, Universtiy of Massachusetts Amherst°Boston°Worcester, and Wellesley College. You may apply for a Consortium card at Humanities Reference (14S-200,x3-5683); the Interlibrary Borrowing Service is also in the Humanities Library (14S-222,x3-5684).

9. "Reserve" collections of books required for courses are scattered among various libraries. Reserve books may circulate only within the library and overnight. Heavy fines are charged by the hour if you return them late. If you need to keep a reserve book out longer, check to see if there is a copy in the regular collections. The Student Center Library is a non-circulating collection, open 24 hours a day, of books and articles selected by faculty members as required reading for MIT courses with large enrollements.

Special Features of the MIT Libraries

Barker Engineering Library has audio-voisual instruction in the use of the card catalogue, selected printed indexes, super 8 film loops, and videotapes. Historical Collections serves as MIT's museum. The Humanities Library has best sellers, leisure reading, college catalogues, telephone books, and general magazines and newspapers. The Institute Archives and Special Collections has manuscript and archival collections, MIT theses, and rare books. The Reserve Book Room has mystery novels in addition to books on reserve for Humanities and Science Department courses. Rotch Library often has interesting art and architecture exhibits, as does Rtoch Visual Collections, where slides, films, and videotapes are housed. The Stein Club Map Room in the Science Library contains USGS topographic maps. Other maps, including ones on geology and

oceanography, are in Lindgren Library, where there is a seismograph that picks up earth tremors throughout the world.

A paper should be like a miniskirt; short enough to be interesting, but long enough to cover the subject.

— Unknown

Other Libraries at MIT

1. There are quite a few departmental and laboratory reading rooms, often containing materials unobtainable elsewhere. Many have thousands of items in specific fields.

2. The MIT Science Fiction Society Library has the world's largest open-stack SF collection (W20-421, dl5-9144). Hours are irregular and anyone may browse. You must be a member to borrow books.

3. Some dormitories support their own small libraries. Check with the main desk.

4. Many faculty members have personal libraries from which some students may borrow.

5. The MIT Outing Club (W20-461, x3-2988) has a small reference library of outdoor guidebooks, instructions books, safety books, expedition histories, outdoor periodicals, and New England and New York USGS topographical maps.

6. The Religious Counselors' Building (W2A) has Catholic, Protestant, and Jewish collections. The Hillel Library has 2800 bolumes of Judaica in several languages.

Other Libraries Around Boston

Don't limit yourself to MIT Libraries. The Boston area has many excellent libraries that students can and should use.

Harvard University has a tremendous libray system, but it is difficult to get stack privileges. In theory, a letter form an MIT librarian verifying that the materials you want are unavailable at MIT or any Consortium library is all you need to be given restricted access to Harvard LIbrary materials. Ask at any MIT library for further information. The easiest way to use another university library is to get a friend to take out books for you.

Wellesley College Libraries loan books to MIT students. The hours are 8:30am to midnight on weekdays, 9 to 9 on Saturdays, and 10 to midnight on Sundays. You can take our as many books as you want and they may stay out for four weeks. Fines are cut in half if you pay when you return books. The Wellesley Library reference desk extension on MIT extension phones is x187-283.

Boston University Mugar Library is on Commonwealth Avenue at the BU Student Union. It has extensive and wide-ranging collections, pleasant atmosphere, and is a good place to study and meet BU students.

Boston Public Library at Copley Square (with branches elsewhere) is a large research library. It also has many circulating books and stereo records (which are normally in rather poor shape unless you get them when they're new), out-of-town newpapers and periodicals, and loads of reference material. It's open 9 to 9 weekdays and 9 to 6 on

Saturday. To get your card, show your MIT ID and fill out an application form. Suburbanites are also eligible for cards.

Cambridge Public Library (449 Broadway, branches and bookmobiles) is large and easy to use (open stacks). It usually has several copies of the current best sellers. Reserve one and wait your turn. If you don't live in Cambridge you must show a BPL or other library card to get a card.
Brookline has a public library (361WashingtonSt and branches) whose collection is similar to Cambridge's. Cards are free to Brookline residents; others must pay $3.00.

All the suburbs and towns around Boston have their own libraries. Collections are normally aimed at the general reader and all have special children's sections. Some have film and lecture programs.

There are several speical-topic libraries around Boston: some (such as the Athenaeum) have formidable defenses against entrance by common students. Check with the MIT librarians if you're interested or have special needs.

The library has been variously and sentimentally called the storehouse of all knowledge and the treasure house of the mind. Its real virtue, however, is that as a repository it preserves error as well as truth and nonsense as well as sense.

— Harry Golden

Other Services

Audio-Visual

Audio-Visual (4-017,x3-2808) rents out projectors and projectionists, tape recorders, public address equipment, overhead and opaque projectors and other AV equipment. They supposedly keep their prices low, but you may be able to get a better price at your friendly neighborhood camera store. TCA (W20-450) rents out 16mm, super 8, and a couple of slide projectors to students at the lowest rates around.

Chapel

The MIT Chapel is open daily from 7am to 11pm for private meditation. Services of many faiths are held throughout the week; check the Calendar in *Tech Talk* for a listing of all religious activities. The Chapel is available for weddings, christenings, memorials, and other services; scheduling is done through the DSA Office (7-101,x3-6774). For more information, see Religious Groups in the Groups Chapter.

Computer Time

There are many computers on campus, and several means of getting time on them. To use the IPC computers in Building 39, you must have an account. Check with the User Accounts Office (39-219,x3-4118) for a new account or see if your advisor or members of your research group have a number which you can use.

The Student Information Processing Board (SIPB,39-200,x3-7777) manages a substantial amount of computer time funny money for general student use. Check with them for more information.

Fubini's Law: *Computers are first installed merely to do manual tasks more expensively.*

Computer Text Editing

The Student Information Processing Board offers a computer text-processing service, which can be helpful in the preparation of reports, resumes, and the like. For more information, stop in at SIPB (39-200) between 3 and 5 pm weekdays, or call x3-7788 anytime.

Endicott House

This house, located in Dedham, is open to any group associated with MIT, but not for private entertainment purposes. It costs even more than Talbot House. For reservations and more information call the director at 326-5151.

Faculty Club

Membership in the MIT Faculty Club is open to all faculty and staff and their families. Membership carries reciprocal privileges with the Harvard and Wellesley Faculty Clubs. The Club is located on the sixth floor of the Sloan Buildin g at 50 Memorial Drive (Bldg. E52) and serves luncheon and dinner Monday through Friday, except on holidays. Special club events such as buffet suppers and dinner-dances are regularly scheduled and announced to the membership. For reservations and information, call x3-4896.

Graphic Arts and Reproduction

The Graphic Arts Service, housed mainly at 211 Mass Av (N42,x3-4765), provides a wide range of services, only a few of which are mentioned here. The Mailing Service offers typing, stencil addressing, and bulk mailing. The Photographic Division can produce portrait, passport, identification, and thesis photographs, and handles photostat work. They also have an Illustration Service with typesetting capabilities and an Offset Printing Department. Counters for while-you-wait Xeroxing are at 2-217 (x3-6917), 3-003 (x3-2806), E52-032 (x3-5203), and 1-242 (x3-3883).

The SCM copiers in the various libraries are cheaper than Graphic Arts for copies from books. The copier in the Student Center Library is available 24 hours a day. Commercial outfits usually have lower prices and better service than MIT Graphic Arts (see **Duplicating Services** in the **Shopping** chapter)..

If you're more interested in hectograph (ditto) printing, visit TCA (W20-450), which has a couple of machines, and sells stencils and paper. TCA also has silkscreening equipment which can be used for posters and shirts. For more information, call TCA at x3-4885.

LSC (W20-469,x3-3791) has two offset presses, the larger of which accommodates paper up to size 17½" by 22½" in size. You can hire someone from LSC to operate the press for you; assistance with copy preparation and folding are also available. LSC movie publicity is a product of these presses and the results can be quite good. Check with the LSC Publicity Director at x3-3791) if you're interested.

APO (W20-415,x3-3788) has a classic, handset platen letterpress, which is slow compared to modern presses. It is operated only under the supervision of qualified APO brothers. Talk to the APO Letterpress Chairman.

The Tech has a production shop which it uses to turn out its newspaper. They have typesetting, headlining, and photographic equipment, complete with staff, all of which can be had at a price. This book is an example of their work.

Hobby Shop

The Hobby Shop (W31-031,x3-4343) is located in the basement of the Armory. George Pishenin is in charge of it, and the hours are 10-6 Monday through Friday. It has woodworking equipment, a machine shop for metalworking, and a photo lab. Shelves, tables, championship sailboats, speaker enclosures, looms, dulcimers, and harpsichords have all been constructed in the shop. Novices are welcome, as they give the more experienced users a chance to teach. A good way to get started is to take one of their IAP courses. Memberships cost $10/term for students, and $15/term for everyone else. It is open fall, spring and summer terms.

Lab Supplies

Lab Supplies sells many things used on projects and in labs. In order to get an item from them, you'll need an account number and a requisition form; they do not sell for cash. Students can open accounts at 4-471 (x3-4959). You may have to open one if you take certain lab courses.

Language Lab

Lessons in German, Spanish, French, Russian, and a dozen other languages can be heard in the Language Lab (14N-0641,x3-2310) or in remote booths in McCormick, Burton, Baker, the Hermann Building, the Student Center Library, Russian House, and New House. Standard MIT course tapes are available from all booths, 24 hours a day. Other tapes,including prose, poetry, plays, and musical "ear-training exercises" are available only when the lab is open. The entire MIT community can use the lab at no charge.

A translation is like a mistress — either beautiful and unfaithful, or faithful and ugly.
— Russian proverb

Machine Shop

The machine shop in the basement of building 1 (1-008) is open to the MIT community year round from 8:30-5 Monday through Friday. The shop has lathes, mills, drill presses, and a complete line of machine tools. If you don't know how to work a machine or need help, ask Sam for help; he'll be glad to give it to you. You'll be asked to check in every day that you're there, and you should bring your own materials (scrap is available, but if you want anything big, you probably won't find it).

The most difficult thing in the world is to know how to do a thing and to watch someone else doing it wrong, without comment.
— T. H. White

Metallurgy Shop

For creative metallurgy or just hacking, 4-133 (the home of Tony Zona) is the place to be. You can learn welding, brazing, and soldering by enrolling in 3.19 (a prerequisite for use of the shop), but the subject is always oversubscribed. Check for metallurgy instruction over IAP if you don't get into 3.19 during the term.

Microreproduction

The Microreproduction Division of the Libraries (14-055,x3-5668) turns books into microfilm and microfilm into books.

Music Practice Rooms

Practice rooms *per se* are rare. A few are scattered within the living groups. There are five upright pianos in the Student Center. Check at the Student Center Library desk (W20-500) if you want to use one. A grand piano, which a rank amateur might consider playable, is available at Walker Memorial. Actually, it is beyond repair. Most dorms own pianos.

Note: Practice rooms tend to lack music stands, so be sure to bring your own. If this situation upsets you, talk to the Student Center manager (W20-345,x3-3913).

Observatory

The G. R. Wallace Astrophysical Observatory can be used by students both in classes (12.134, Experimental Optical Astronomy) and for individual projects. All scheduling is done through the office of the director, Prof. McCord (XII,24-420,x3-3389). The Observatory is 40 miles from Cambridge in Westford. It has a 24" and a 16" scope. The 24" is sometimes difficult to get time on, while the 16" it is accessible for projects of any merit.

Student Art Association

Although called the Student Art Association, this facility is actually open to anyone in the MIT community, although preference is given to students. SAA has superb facilities for batik, ceramics, drawing, hand weaving, jewelry, painting, silk-screening, tie-dyeing, and hosts of other arts. It also has an excellent darkroom and general photographic facilities. Classes in ceramics, photography, and drawing are offered during Fall, Spring, and Summer terms and IAP. Courses given during IAP are very popular, so sign up early. Fees are charged ($15-50 for classes, $5-10 less for use without instruction). The office is on the fourth floor of the Student Center (W20-429,x3-7019).

Nature and nature's laws lay hid in night
God said 'Let Newton be' and all was light.

— Pope

Student Center

The Student Center (W20) is the primary focus for student activities at MIT (Walker Memorial, Bldg 50, also houses many activities). Most large activities are crowded into the fourth floor of the building. Other facilities located in the Center include a dining hall, snack bar, lounges, the Tech Coop, a post office, a tailor (handles dry cleaning and shoe repairs), an optician, a barber shop, a giant TV, game rooms for ping pong and pinball, pool tables, a bowling alley, a coffeehouse, and the Student Center Library.

The **Student Center Committee** (SCC W20-347,x3-3916) has tried to make the best of this situation, with some success. The SCC is responsible for all student use of the Student Center. They also sponsor sereral Student Center activities, including Rock Revivals, Strat's Rat, Beer Blasts, and free Midnight Movies.

Talbot House

Talbot House is a Vermont farm house available throughout the year to MIT student groups. It is located in Woodstock, near several major recreational facilities including skiing, hiking, horseback riding, and golf areas. Apply early! Scheduling is done by a student committee through the Deans' Office (W20-345,x3-7974).

Typewriters

The Student Center Library has selectric typewriters for general use. The price is 25¢/45 minutes. They are kept locked and you'll have to go to the desk in order to use them. It is cheaper and frequently easier to get a typewriter from an office where you have connections or from a friend.

There is a special department of hell for students of probability. In this department there are many typewriters and many monkeys. Every time a monkey walks on a typewriter, it types by chance one of Shakespeare's sonnets.

— Bertrand Russell

MIT Medical Services

Health Plan

All MIT students and most employees are covered by MIT health programs. These programs include the MIT Student Health Program and several employee benefit plans. For details of coverage, employees should contact their supervisor and call either the MIT Health Plan Office at x3-1322 or the Employee Benefits Office at x3-4271, whichever is appropriate. Spouses of students may also opt for the students' plan for the same fee of $187 per year. Under the student plan, most services are provided free of charge by the MIT Medical Department. Some services, including optometry, dental care, and ear piercing, are on a fee-for-service basis. In spite of the free service, some people still prefer outside medical care to MIT's. Local clinics and hospitals are listed later in the chapter.

The MIT Medical Department (Bldg11,x3-4481) is open weekdays 8:30am to 5:00pm except on legal holidays. Emergency treatment at all other times is available at the Homberg Infirmary (W5,350Memorial Drive between Baker and McCormick, x3-4485). Infirmary visiting hours are 9am to 9pm. On-campus ambulance service is provided by Campus Patrol (dial 100).

Services provided by the Medical Department (Bldg 11, except where noted) include:

Emergency	x3-1311	Pediatrics (bldg W5)	x3-1506
Allergy	x3-4295	Physical Exams	x3-4481
Dentistry (bldg W5)	x3-1501	(for exams requiring filling out a form)	x3-4295
Dermatology	x3-4295	Psychiatry (bldg 12)	x3-2916
Neurology	x3-4460	Social Work (bldg 12)	x3-4911
Nutrition	x3-1681	Surgery	x3-4481
Obstetrics/Gynecology	x3-1315	Urology	x3-4481
Ophthalmology/Optometry	x3-4351		
Orthopedics	x3-2974		
Otolaryngology (ears, nose, throat)	x3-7870		

MIT's Homberg Infirmary is operated by the Medical Department for the benefit of students, employees, and their spouses. Although children are not admitted as in-patients, its Pediatric Clinic, staffed by three pediatricians and a pediatric nurse practitioner, is available to children of students, visiting staff, and Health Plan members. For others, these visits are on a fee-for-service basis.

The Dental Clinic is open only to students and their spouses. Others in the community will be seen only for emergencies. This service will make referrals to qualified outside dentists and dental specialists

Notes:

1. To see a doctor, you must have an appointment. For relatively quick treatment, see a nurse on the first floor of Building 11. Appointments can be made by calling x3-4485, calling the office of the specialist desired (see above), or dropping by the Medical Department in building 11.

2. Doctors are fallible human beings, and Medical Department doctors are no exception. They sometimes screw up, and almost never admit mistakes.

3. The medical department loves to give out drug "starter packages." Don't use these drugs if you don't have to. After starter packages run out, you must buy your own drugs, unless you can convince your doctor that you can't afford to.

4. There is a fee of $10 if you miss an appointment without cancelling.

5. If you saw a doctor once, were comfortable dealing with that doctor, and have a similar problem, remember his/her name and go back to the same person. You may benefit from the doctor's knowledge of your medical history.

6. Grievances and questions concerning the MIT Medical Department should be directed to the Patient Advocates, Constance Bean and Irene Merwin (W5-301,x3-1316). They will do their best to enhance communication between you and the Department and will gladly discuss any medical actions with you. If you are not satisfied with them, you may present your complaints before the Medical Department Advisory Board, chaired by an appointee of the President.

Medical Insurance

Along with the student health plan, students must purchase MIT insurance for outside hospitalization if not already covered by non-MIT insurance. The cost is $125 for twelve months, beginning Sept. 1 of every year. Additional coverage is available to student's spouses at a cost of $280 per year. Coverage for one or more children is offered for $115 per year. As part of the package, all women covered by the MIT insurance receive a $500 maternity benefit after 8 months of continuous Blue Cross/Blue Shield coverage (up to $425 will be paid toward hospital charges for normal delivery; up to $75 will be allowed toward the physician's charges for delivery.

If you are trying to decide whether to buy the health and accident policy offered by MIT to supplement your own family's policy, compare the benefits offered by both. Head of the MIT Medical Department Dr. Melvin Rodman, 3-4487, considers the MIT insurance the *minimum* you should have to cover reasonably expected medical expenses.

Questions regarding any facet of medical insurance can be directed to the Business Office of the Medical Department (12-134,x3-4371).

Faculty, staff, and employees are eligible for the MIT Health Plan which is a prepaid comprehensive program of medical care available to MIT employees and their families. Medical services for the MIT Health Plan are provided by the MIT Medical Department. Outside hospitalization, apart from emergency care, is provided at the Mt. Auburn and Cambridge Hospitals; hospitalization for obstetric and gynecological reasons is provided at the Boston Hospital for Women. The Plan membership is limited to 1450 subscribers and their families. There is generally a waiting list for new subscribers. If you are interested, you should call the MIT Health Plan Office at x3-1322.

Other faculty, staff, and employee benefits should be discussed with the Employee Benefits Office (x3-4271).

Blood Coverage

Any person attending or working at MIT, Draper Lab, or Lincoln Lab, can get free unlimited blood for himself, his spouse, children, brothers, sisters, parents, grandparents, and parents-in-law anywhere in the United States or Canada under the MIT-Red Cross coverage policy. Coverage may be requested by contacting the Medical Department (x3-4371). See also **Blood Drives** in **Appendix 2 — Miscellaneous**.

The reason that the beaver is the MIT mascot is that, while the beaver is the engineer of the animal world, the MIT student is the animal of the engineer world.

Dental Clinics

Forsyth Dental Center (140TheFenwayBoston,262-5200,MBTA:ArborwayGreen-Line). Teeth cleaning $5 first session, $3 afterwards. This is a teaching clinic where you can have either teachers or students work on you. All work is careful and well-supervised. All dental services are available.

Boston University Medical Center (see below).

Tufts-New England Medical Center (see below).

Drug Clinics

Cambridgeport Problem Center (10MtAuburnStCambridge,661-1010). Headed by Dr. Joseph Brenner of MIT's psychiatry department, it provides free drug treatment. It is wise to call first.

Emergency Clinics

Bridge Over Troubled Waters (1WalnutStBoston,227-7114). Free clinic providing medical, dental, and counseling services. A street survival clinic dealing largely with runaways.

Eye Clinics

Massachusetts College of Optometry Clinic (472CommonwealthAvBoston,536-4252). Optometry students give incredibly thorough eye examinations for $9. Other services and doctors are available at comparably low prices.

Massachusetts Eye and Ear Infirmary (243CharlesStBoston,523-7900). Handles all aspects of eye, ear, nose and throat problems. Provides diagnosis and treatment. Has an emergency ward.

General Clinics

Boston University Medical Center (253EBerkeleyStBoston,247-5000). A teaching clinic offering less expensive medical and dental care.

Tufts-New England Medical Center (171HarrisonAvBoston,956-5000). Comprehensive medical and dental care. Diagnostic and referral services. Appointments within 24 hours for specific problems. Emergency care. Staffed by fourth-year medical students.

Hospitals

Cambridge City Hospital (1493CambridgeStCambridge,354-2020). Teaching hospital for Harvard Medical School, providing all types of surgical and diagnostic services. Appointment-only outpatient clinic. 24-hour emergency ward.

Children's Hospital (300LongwoodAvBoston,734-6000). Usually patients up to age 21. General medical and surgical inpatient service, and extensive outpatient clinics. Handles everything from dental care to plastic surgery. 24-hour emergency service.

Kennedy Memorial Hospital for Children (50WarrenStBrighton,254-3800). All services through age 21. Extensive outpatient clinics, rehabilitation hospital for inpatients. 24-hour emergency ward.

Mass. General Hospital (CharlesStBoston,523-7900,MBTA:Charles/MGH) Nearest hospital to MIT. General walk-in clinic Monday-Saturday, most clinics by appointment. Regular hospital facilities, 24-hour emergency care.

Mount Auburn Hospital (330MtAuburnSt,Cambridge,492-3500). General services, outpatient clinics, walk-ins accepted. 24-hour emergency care, specialists on call.

Sancta Maria Hospital (799ConcordAvCambridge,868-2200). General medical/surgical hospital. Extensive outpatient clinics. No maternity care. 24-hour emergency care.

Financial

Finance, *n. The act or science of managing revenues and resources for the best advantage of the manager. The pronunciation of the word with the i long and the accent on the first syllable is one of America's most precious discoveries and possessions.*
— Ambrose Bierce, *The Devil's Dictionary*

Paying the 'Tuteing Piper

Financial Statements

MIT Financial Statements arrive before the start of each semester. If you think the Institute screwed up your financial statement, contact the Student Accounts Office (E19-215,x3-4133). However, before you jump to hasty conclusions, remerber that invoices are random, and the bill you receive may include a debt that you have already paid.

Where to Make a Payment

Payments to the Institute can be made at 10-180. Mailed payments can also be addressed there.

Tuition is $250 per year. But that's not including breakage.
— MIT Handbook, 1916

Financial Aid

Undergraduates

Money for undergraduates normally comes in package deals, part scholarship, part loan, part term-time job. The amount of each is determined by the people in the Financial Aid Office (5-119,x3-4974) from data you and your parents have given them. The resources are very tight, but it is there to be used, so if you need money go check things out there; don't give up. Also remember that deadlines are in January for the upcoming school year, so get your finances straightened out before IAP, if possible. **Caution:** Your term-time job award does *not* guarantee you a job when you arrive at MIT. It means that MIT expects you to contribute that amount to your support by working (or some other suitable means, i.e. loans) while at MIT.

Graduate Students

The Graduate School Office and your own department's headquarters have all the information needed to apply for financial aid, including information on industrial and foundation grants. Most financial aid programs have early application deadlines, so get to work early.

The Graduate School Office can be particularly helpful with applications for national and MIT fellowships. You can get advice on fellowship opportunities, an advance on your funds, and other various information.

It is better to apply for a 12-month federal fellowship than a 9-month fellowship; your chances are as good, and after you receive the reward you can change it to nine months without any trouble. The reverse is much harder.

You will find that your department is instrumental in almost all financial support decisions. It also has an intimate grasp of what opportunities are available, both inside and outside MIT. Be sure to keep in touch with both your advisor and department headquarters.

Between 80 and 85% of grad students are receiving some sort of financial aid through MIT, their governments, an outside foundation, or some other means.

There are Research Assistantships (RA's), Teaching Assistantships (TA's), Federal Traineeships, industrial grants, MIT awards and other random sources of income for graduate students. Some of these kinds of support, e.g. RA, TA, are obtained from the department, while some come through the Graduate School Office. Other sources such as state and federal loans come through dealings with the Financial Aid Office.

There are some legalities involved; RA grants are usually tax-free, while TA grants are not. Foreign students are not usually eligible for Federal fellowships. Be careful to read all the fine print. Your department and the Grad School Office should be able to help out.

It depends how carefully you think about it. If you don't think very carefully it's obvious, but if you think very carefully you'll get confused and it won't be obvious.

— Professor Baltay

Loans

Both undergraduates and graduates apply for loans at the Financial Aid Office (5-119,x3-4974). Although scholarships are disbursed on a scheduled basis, loans can often be arranged to fill unforseen gaps in your budget. Jobs are sometimes provided for the same purpose. **Note:** If you are granted a loan, be sure to go to the Student Loan Office (E19-225) and sign for it at the beginning of the term. Otherwise it is likely to go away in a month.

Emergency Loans: See **Emergency Information** in the front of this book.

Financial Aid vs. Grades and Disciplinary Action

Undergraduates: Need is the only criteria that determines how much aid you get and how it is split up.

Grads: Academic performance is still important for financial aid.

So the Financial Aid Office Screwed You

1. Try a different interviewer. Impress upon the person that you *need* the money.

2. Get in on your state loan program; check with the Financial Aid Office. In most cases, the loan will be interest-free until you get out of school, grad school, the Peace Corps or military service.

3. Have your parents get a loan from their bank.

4. Try to get a term-time job. Check at the Student Employment Office (5-119), which is behind a bulletin board in the Financial Aid Office.

5. Veterans, check on your VA benefits with Associate Registrar Mrs. Bond (E19-344,x3-4797). She handles VA and Social Security liaison with the Federal Government.

Prosperity doth best discover vice, but adversity doth best discover virtue.
— Anonymous

Special Payments

There are special advisors, assigned by classes for undergrads and by schools for grads, in the Student Accounts Office. Check for yours in the gray section of your *Student Directory.*

If you are taking less than 31 units, you can arrange to pay tuition on a per unit basis. Check with the DSA for the necessary paperwork. *Warning:* if you wait too long before doing the paperwork, you will have to pay full tuition. The Deans' Office can also help you if you feel that you have run into extraordinary difficulties and you don't want to pay full tuition e.g. family emergency that caused you to leave school for seven weeks, then return just in time to flunk your subjects). Every case receives individual treatment, and the deans are understanding in cases of genuine problems. Check with them (5-104,x3-4861, or 7-133,x3-6776).

Work

Jobs During the School Year

Finding a job is not too difficult; finding one you like may be a little harder. During the school year over 3000 undergraduates seek and locate part-time employment on campus ranging from working desk in the dormitories to operating the MIT reactor. The libraries, dormitories, and dining halls usually hire during the first week of the fall term. Be on the alert for sign-up meetings and get started early or you will miss your chance. If working in Lobdell doesn't appeal to you, check the Student Employment Office (5-119, within the Financial Aid Office). They maintain listings of jobs within MIT and the Boston area. They provide contacts — You must follow them up.

Research projects are also a good supply of jobs. The work ranges from drudge work to something you can do a thesis on (often within the same job), and even the drudge work can be better than being a dishwasher. UROP publishes a booklet each year listing hundreds of professors and labs and their areas of research. Find professors in fields that interest you and start asking. It may take a while, but you should be able to find something. Funding can come from the professor's research grant, UROP (check their booklet for details), or the College Work-Study Program (CWSP, eligibility for this varies, check with the Financial Aid Office). Very often some combination of these is used.

Three jobs that are almost always available:

1. Psychology experiments. Quick, easy, small money. Call x3-5749 or x3-5751, or check 9.00 or 9.001 lectures.

2. Dietary experiments. Slow, bad-tasting and restrictive, featuring complete measurement of dietary input and output, big money. Call Edwina Murray (56-129,x3-6729).

3. Campus publications (including *HoToGAMIT*) are always looking for people to sell ads — it's hard work, but usually pays a commission of at least 15%.

Summer Jobs

Decide what you want to do over the summer before Christmas, so you can visit hometown firms over the winter vacation and beat the rush (not by much).

Note: Some large cities have MIT alumni clubs which may invite you to a gathering over Christmas vacation. A good many of these alumni are likely to be businessmen with jobs available for students from their alma mater. Check with these gatherings if you're looking for an interesting summer job.

The Career Planning and Placement Office (12-170,x3-4773) sponsors interviews with companies who sometimes are looking for summer workers. Check under **Permanent Employment** in this chapter for other resources.

Many students start or continue research projects during the summer. UROP helps fund many of these jobs. Their application deadline comes in mid-April.

The true test of intelligence is not how much we know how to do, but how we behave when we don't know what to do.

— John Holt

A few basic principles are given below:

1. If you're preparing a resume be clear and precise. Don't undersell yourself, but don't make claims you can't substantiate. Use your good sense and you should be able to present a good resume that will enhance your job chances. Be sure to have some good references in mind. (See **Getting a Recommendation** in **Academics**.)

2. Check your abilities. Do you speak a foreign language? Can you program computers? There are often vacancies available for people with esoteric skills, even though the general job market is bad. You might even try looking for a foreign job.

3. There are some openings with the state or federal Civil Services. Unskilled or semi-skilled government work isn't the greatest thing in the world, but it's available and it won't tax your mind. If you want to take a Federal Civil Service Exam, contact the Placement Bureau or call 223-2571 for information (try not to call between 11am-2pm, as you'll probably only get a recording). For state civil serivces, check with the particular state.

4. If you're around Boston and can't find another job, try some of the odd jobs listed in the *Boston Phoenix/B.A.D.* or the *Real Paper.* They might provide interesting non-academic employment (e.g. carpentry, electric wiring, etc.).

Permanent Employment

After about four glorious years at the Institute, the MIT graduate is usually ready to go out and face the dark, cruel world on his own. This means that the student must decide how he can make the money roll in.

— *Social Beaver,* 1958

No matter what you intend to do, get started early. Your junior year is certainly not too early to start thinking about graduation and what you plan to do afterwards.

Career Planning and Placement Office (12-170,x3-4733) serves both students and alumni. They sponsor meetings between students and recruiters. Check their office for schedules. They also publish a *Placement Manual* and distribute the *College Placement Annual* (helpful even for summer employment) and have an extensive library of job contacts.

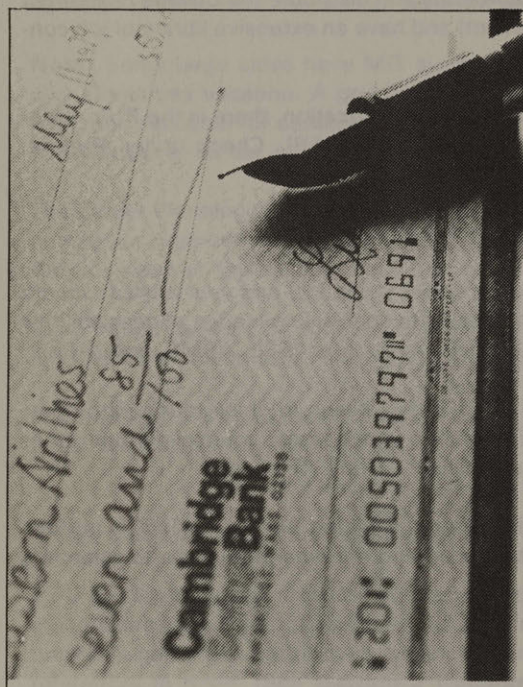
If you are interested in a career in law, medicine, or education, there is the **Preprofessional Advising and Education Office** (10-186,x3-4158). Check under **Prelaw, Premed and Education Counseling** in **Academics**.

The following can help you locate permanent employment:

1. **Your department** *should* be able to offer career guidance, and your advisor *should* be capable of helping you sort out possibilities, with special knowledge of your abilities and preferences. Also try the professional societies such as IEEE, ASME, and AIChE.

2. The **Industrial Liaison Office** (39-623,x3-2691) keeps in close touch with companies around the world. Though its main function is not career counseling, but rather industrial liaison, you might try to get an advisor in ILO. Try hard.

3. The **Center for Advanced Engineering Study** (Building 9), like the ILO, is pitifully underused. Its basic function is to give advanced and refresher education to scientists



Students are encouraged to write in their books.

It's the sole purpose for which every Cambridge Savings NOW checkbook is intended.

You can write whatever checks you wish and earn interest at the same time.

That's right. Cambridge Savings pays you interest on your checking account balance.

Little wonder so many students choose to open one of our NOW accounts. It's simply ideal for those who wish to write for their own amusement.

Dollars & Sense

Cambridge Savings Bank

Offices in Cambridge and Belmont
864-8700 Member FDIC

and engineers working in industry, but you can use it to find out where things are in the outside world, who's working on what, and to build contacts with workers in your field.

Another difference between Milton and myself is that everything reminds Milton of the money supply. Well, everything reminds me of sex, but I keep it out of the paper.
— Robert Solow, in a published reply to an economics paper by Milton Friedman

Money

Banks

A survey was taken in June 1978 and the results are shown in the chart on the following pages. If you find any inaccuracies or omissions, don't hesitate to send in a feedback sheet! The banks included are those with branches near campus.

Banks fall into two categories: savings banks and full-service banks. The savings banks tend to offer higher interest rates on savings and have more types of savings accounts. Full-service banks have better checking arrangements, but charge more.

Some explanations for notation used in chart:

NOW — Negotiated Order of Withdrawal. This is a combined type of savings and checking account. You get interest as in a savings account but you can write checks free or for a small charge.

90-day — a savings account in which you agree to give 90 days notice before making

Your Financial Service Center
Freedom Federal Savings
New England's Largest

All types of **Savings Accounts** — paying the highest rates allowable by law.

Now Accounts — works like a checking account but pays you 5% interest. (Minimum balance $300)

Prestige — the saver's card that's good for cash in over 3,000 locations across the country.

Comprehensive **Insurance Plans**.

2 Convenient Cambridge Locations
All with free customer parking for bank business

38A Brattle St.
Harvard Sq. 876-8128
Daily: 8:30am-5:00pm
Sat. 9:00am-1:00pm

681 Mt. Auburn St.
Star Market 864-3990
Daily 9:00am-8:00pm
Sat. 9:00am-1:00pm

LOCATION	PHONE/HOURS	SAVINGS	CHECKING
BayBank/Harvard Trust	661-3300		
	All branches M-F 8:30-5	5¼% statement	NOW—5¼% interest; no service
Harvard Square	plus S 9-1, 24 hr. automated teller	compounded daily	charge; $200 minimum balance
Central Square	plus R 'til 6, S 9-1	5½% 90-day	Regular Checking—free, with
Kendall Square	plus F 'til 6, closed S		$100 minimum balance;
Technology Square	Closed S, 24 hr. automated teller		$1 in savings required
Boston Five	742-6000		
10 School St, Boston	M-F 8:30-4	5½% passbook	NOW—5% interest, $250 minimum
Boylston St	M-F 8-5:30	5¾% 90-day notice	balance, no interest on first $250.
Tremont St	M-F 8:30-5:30; S 10-2		
Washington St	M-F 8:30-5:30; S 10-2		
Cambridge Savings	864-8700		
Harvard Square	M-F 8-5:30; S 9-1	5½% passbook	NOW—5% interest, first 5
Porter Square	M-F 8:30-3, S 9-1	5¾% 90-day	drafts/month free; charge of 10¢
Kendall Square	M-R 8:30-3; F 8:30-6	higher rates on	per draft on remainder; all drafts
		term deposits	free with $500 minimum balance
Cambridge Trust Co.	876-5500		
th $500 minimum balance			
Cambridge Trust Co.	876-5500		
Harvard Square	M-F 8:30-3; 8-5 outside	5% passbook	NOW—5% interest, $250 min.
	window; S 9-1	5½% 90-day	Regular Checking—free with
Kendall Square	Same, except closed S		$100 min. balance
Cambridgeport Savings	661-4900		
Central Square	M-F 8:30-5; R 'til 6	5½% passbook	NOW—5% interest,
	S 9-1	5¾% 90-day	$500 minimum balance
		higher rates on 1-4	
		year term accounts	

Charlesbank Trust	864-4444		
124 Broadway (Kendall Sq)	M-F 8:30-5; S 10-1 drive-up window: same except R, F 8:30-6	5% statement compounded quarterly 5½% 90-day	NOW—5% interest, $500 min. balance. Checking—free with $100 min. balance or $10 in savings account charge is $3/month if below min.
Central Square	M-F 8:30-5; R 'til 6; S 10-1		
Harvard Square	same as Central Square		
Charlestown Savings	482-2600		
55 Summer Street, Boston	M-F 8-6, S 9-1	5¼% passbook, $10 min.	NOW—5% interest; $300 minimum balance
Boylston Street	M-F 8:30-5:30; S 9-1	5¾% 90-day higher rates on 1-10 year term accounts	
Commonwealth Ave.	M-F 8:30-4:30		
and other offices			
Coolidge Bank and Trust Co.	926-7000		
Harvard Square	M-F 8-4, 4-5 walkup	5¼% interest compounded daily	NOW—min $500, 5% interest, min $400, 4% interest min $300, 3% interest else $1 charge/month.
Kendall Square	M-R 8:30-5, F 8:30-6 24 hours at automated banking terminal with special card from bank		
First National Bank of Boston	434-2200		
Kenmore Square	M-F 9-4:30	5% statement 5½% 90-day ($100 min.)	NOW—5% interest, $400 min. balance. Regular checking—free with $200 minimun balance
and other branches	M-W 9-4:30; R-F 9-5:30 24 hours at automated banking terminal with special card from bank		
Freedom Federal Savings	876-8128		
Harvard Square	M-F 8:30-5; S 9-1	5¼% passbook 5¾% 90 day	NOW—5% interest; $100 minimum balance
681 Mt. Auburn, Cambridge	M-F 9-8; S 9-1		
Fresh Pond Shopping Center	M-W 10-5; R-F 10-8; S 9-1		
Shawmut County Bank	661-5000		
Central Square	M-W 8:30-3, 3-5 walkup R 8:30-6; F 8:30-5	4¾% passbook 5¼% statement	NOW—5% interest, free with $1,000 min. balance. Free checking with $100 min. balance

any withdrawals. The interest rate is higher, but there is usually a high minimum balance (around $1000).

passbook — a savings account in which all transactions are recorded in a small booklet.

R — Thursday (M=Monday, T=Tuesday, W=Wednesday, . . .)

statement — a savings account for which you receive a monthly listing of all transactions. The interest rate is usually higher than passbook.

Cashing Personal Checks

You can cash personal checks up to $100 (or larger, with the approval of the Bursar of Assistant Bursar) at the Cashier's Office (10-180, open 9-3). An MIT ID is required, and there is a 20¢ service charge. No third-party or payroll checks are accepted.

Of course, the bank at which your account is held will cash checks drawn against it free of charge. Banks are generally open 9am-3:30pm Monday through Friday, and some feature extra hours each day and/or Saturday.

Note: If your account is in one of the Shawmut banks, your checks cannot be cashed by other banks in the Shawmut Association — you *must* go to your own bank.

Many supermarkets in the area cash checks for a 15% service charge if you have a courtesy card for that store. Apply for one at the customer service booth. The limit on how much you can cash varies from $25 to $100 for a personal check, more for a paycheck.

Success is a rare paint, hides all the ugliness. — John Suckling (1609-1642)

All colors will agree in the dark. — Anonymous

Income Tax Information

Federal: Check with the Internal Revenue Service in the JFK Building downtown (Government Center Boston, 233-3431).

State: Check with the State Corporations and Taxation Department (100Cambridge-StBoston,727-4545).

Foreign Students: Call the Alien Tax Information Office, 223-3446.

Credit Cards

Following the national trend toward cashless purchasing, many stores now accept various kinds of credit cards. In addition to the various general cards, such as Master Charge or Bank Americard, there are many store-specific credit cards such as those issued by Jordan Marsh, Filene's, and many other large department stores. For a student to obtain any credit card may be difficult, however. The major obstacle is the requirement of an income of at least $9,000 a year (in some cases, more). This is enough to prevent most full-time students from obtaining a card. However, some agencies will al-

low you to get a card if your parents are willing to sign a letter guaranteeing that they will pay your unpaid bills. Your best bet is to check with the individual store or company about this procedure.

There is one notable exception to the hassle over obtaining credit cards, namely the **Coop** card. Coop cards are easy for students to obtain (check with Customer Service in back of the Tech Coop), and entitle the owner to full charging privileges at any branch of the Harvard Cooperative Society. As with any credit card, you have to pay the full amount of purchases charged each month, or pay a monthly finance charge (maximum of 1½% per month).

Along with credit cards have come credit card thieves, who are expert at changing the signatures and even the photographs on a card, and running up tremendous bills with it. If your credit card is lost or stolen, report it immediately. Most cards carry a liability limit of $50 or less, but the trouble and inconvenience associated with forged charges and getting a new card make it worthwhile to keep careful watch on your credit cards. After you report the loss of a credit card to the bank, you cannot be charged for purchases made on it, even below the liability limit. It is a good idea to keep a list of all credit cards and numbers to be able to report a stolen card. Also be sure to check out liability commitments for each credit card you have; if the limit is unacceptably high or non-existent, get some insurance on your cards (available at most banks).

Insurance

Insurance, *n. An ingenious modern game of chance in which the player is permitted to enjoy the comfortable conviction that he is beating the man who keeps the table.*
— Ambrose Bierce, *The Devil's Dictionary*

The most important point is to find a reputable insurance company. This, among other things, means going to a state-licensed agent who represents a well-known company. Rates don't vary at all in Massachusetts. Buy your insurance elsewhere if you can. Beware of salesmen who add "service charges" on top of the normal bill. Be cautious also about mail solicitations. Above all don't be afraid to ask questions and make sure you know all the details before signing.

Automobile: See **Insurance** in the **Travel and Transportation** section.

Personal Property: In general if you are still part of your family's household, i.e. you are still a dependent, your personal property, including bikes and stereos, will be covered by any standard homeowner's policy. If you are not covered in this way, you can take out a tenant's policy which is generally a "$50 deductible" policy (i.e. you pay the first $50 of any loss). The premiums vary from about $50-100 for about $7,000 worth of insurance (generally a minimum), so check what you have and decide if it's worth it.

Operation Identification: To reduce the chance of theft (and increase the chance of having your possessions returned if they are stolen), Campus Patrol is participating in "Operation Identification." Under this program the Patrol has electric scribers available for loan, so that you can engrave your Social Security number (ID number) on your cameras, stereos, etc. This permanent marking makes the property readily identifiable as yours, and thus harder for a thief to sell.

Shawmut

515 Massachusetts Ave.
Cambridge, Mass.

County

661-5045

Bank

Life Insurance: If you do decide to buy life insurance, Savings Bank Life Insurance (available at any bank with the words "Savings Bank" in the title) is the best deal you can get as a Massachusetts resident.

Student Life Insurance: Unless you already have dependents, there is absolutely no reason to insure yourself. Even if you should die before you have paid off your educational loans, they will be waived automatically, and your parents will not be hit with an unexpected debt. Don't be taken by promises of preferential rates later when you sign up for full insurance; by the time you need it you will have a much better idea of what you want. Check with a lawyer if you want further details.

Medical Insurance: See **Medical**.

Coolidge Bank &

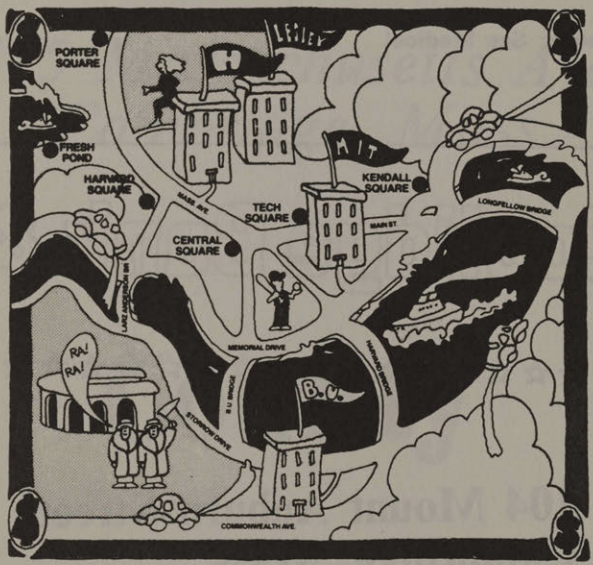
☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

104 Mount Auburn Street
Cambridge, Mass.
354-3616

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

Trust Company

The simple geography of Something Better® banking:



If you're heading back to school anywhere in the Cambridge area, there are six BayBank Harvard Trust offices ready to serve you there. The map and addresses shown here will tell you which is closest to your campus.

You'll find the answers to your money questions are really Something Better: Something Better N.O.W. that pays 5% interest (with a $200 minimum balance) and Something Better Checking that's free with $100 minimum balance plus $1.00 in Savings.

Either way, you qualify for a BayBanks Card. For check cashing convenience at more than 150 BayBanks' offices in eastern Massachusetts. And for cash 24 hours a day from any BayBanks X-Press 24.™

Come on by. We'd like to meet you. And help you get Something Better for your money.

BayBank | Harvard Trust

Convenient Offices in the Cambridge area:

Harvard Square/1414 Mass. Ave.
Central Square/689 Mass. Ave.
Fresh Pond/615 Concord Ave.
Kendall Square/226 Main St.
Porter Square/1847 Mass. Ave.
Technology Square/575 Tech. Sq.

Plus 11 offices in Belmont, Arlington, Lexington, Concord, Littleton, Groton and Carlisle.

Member FDIC

Travel and Transportation

Like the Institute, the Boston area is a difficult place to learn how to navigate. The streets in the older sections follow former cowpaths, and make very little sense to newcomers. Occasional grids like the Back Bay and South Boston exist, but even here confusion reigns — numbering changes from street to street.

To really understand Boston's street layout, you need to realize that its roads run from square to square. Learn where each square is, and the streets just fall into place.

Peculiarities to note:

1. Most streets are not clearly marked. Main streets are almost never marked; you can go out of your mind learning the names of every tiny side street without ever finding out what highway you are on.

One key to finding your way in Back Bay: side streets there go in alphabetical order, starting with "A" (Arlington) at the Public Garden, ending at Jersey in the Fenway.

2. The Charles River is *not* a good direction index. It bends from North to South and back. The only certain thing about it is that if you follow it downstream far enough you'll get to MIT. Then you can ask someone for directions.

3. Main streets likewise bend back and forth. Massachusetts Avenue in Cambridge is a primary example, weaving its way from Lexington through Cambridge into Boston.

4. House numbers on a street do not go by 100 per block, but rather sequentially, with random inconsistencies. The average is about 30 numbers per block, meaning that 300 digits is far away.

5. What appears to be one roadway can sometimes have more than one name. For example, the same pavement is Winter Street north of Washington Street, but Summer south of it. Water turns to Milk in a similar maneuver. A favorite trick is for a street to change names as it crosses a town line. Cambridge Street in Allston turns into River Street in Cambridge. Harvard Street in Brighton turns into Boylston as soon as it enters Cambridge.

Not only that, but the same name is used for different streets in different towns or even different section of the same town. All the streets mentioned above are repeated again and again in various locations. Boylston St. in Cambridge has no relation to Boylston St. in Boston, nor do any of the myriad Harvard and Washington Streets have anything in common. In another variation, the street names stay the same, but the numbering system starts all over again, normally in the opposite direction. For instance, 840 Mass. Ave. in Boston is nowhere near 840 Mass. Ave. in Cambridge.

DOWNTOWN BOSTON
HISTORICAL SITES
1 Boston Massacre Site
33 Boston Tea Party Site
34 Bunker Hill Monument
35 Central Burying Ground
5 Copp's Hill Burying Ground
8 Faneuil Hall
31 First Public School Site
9 Franklin's Birthplace Site
38 Freedom Trail (Start)
32 Frigate "Constitution"
11 Kings Chapel
16 Old Corner Book Store
17 Old Granary Burying Ground
18 Old North Church
20 Old South Meeting House
19 Old State House
36 Park Street Church
21 Paul Revere's House
22 Paul Revere Statue
HOTELS — MOTELS
68 Hotel Avery
66 The Bradford Hotel
57 Copley Square Hotel
54 Hotel Essex
50 Fenway-Boylston Motor Hotel
51 Fenway-Commonwealth
61 The Holiday House
69 The Howard Johnson Motor Lodge
63 The Lenox Hotel
59 Logan Airport — Sonesta Hotel
58 The Madison Motor Inn
62 Midtown Motor Inn
55 The Parker House
60 The Ramada Inn
67 The Ritz Carlton
65 The Sheraton Boston
64 The Sheraton Commander Hotel
53 The Sheraton Plaza Hotel
52 The Somerset Hotel
71 Sonesta (Cambridge)
56 The Statler Hilton
70 Vendome
MUSEUMS
3 Boston Museum of Science
39 Gardner Museum
41 Museum of Fine Arts
30 New England Aquarium
POINTS OF INTEREST
37 Chinatown
40 Christian Science Church
10 Hatch Memorial Shell
2 Haymarket Square
42 Jordan Hall
43 Symphony Hall
26 War Memorial Auditorium, Prudential Center
PUBLIC BUILDINGS and SCHOOLS
44 Boston University
4 City Hall
6 Court House
7 Custom House
28 J. F. K. Federal Building
12 Mass. Dept. of Public Works
13 Mass. General Hospital
14 M.I.T.
15 N. E. Medical Center
29 New City Hall
23 Post Office
24 Public Library
25 State House
27 State Office Bldg.
SKYWALK
74 Prudential Center Skywalk
SPORTS CENTERS
46 Boston Arena
45 Boston Garden
47 Fenway Park (Red Sox)
TRANSPORTATION
48 Greyhound Bus Terminal
75 Logan International Airport
49 North Station B & M R. R.
72 So. Station B & A, Penn Central R.R.
73 Trailways Bus Station
Middlesex Reg. of Deeds
MSGR. OBRIEN
CAMBRIDGE ST.
Court House
FIRST ST.
Lechmere Canal
COMMERCIAL
CAMBRIDGE PARK
CAMBRIDGE
Broad Canal
MAIN ST.
Kendall Square
Longfellow Bridge
MASSACHUSETTS AV.
To Harvard University
AMES ST.
Massachusetts Institute of Technology
MEMORIAL DRIVE
CHARLES RIVER BASIN
Harvard Bridge
Lagoon
JAMES J. STORROW MEMORIAL DRIVE
BEACON ST.
MARLBOROUGH ST.
COMMONWEALTH AV.
NEWBURY ST.
BOYLSTON ST.
HEREFORD
GLOUCESTER
FAIRFIELD
EXETER
DARTMOUTH
MASSACHUSETTS AV.
Public Library
Copley Sq.
CLARENDON
STUART
PRUDENTIAL CENTER
MASSACHUSETTS TURNPIKE
Back Bay Station
HUNTINGTON
COLUMBUS
AV. STATE RD.
COMMONWEALTH AV.
Kenmore Sq.
BEACON ST.
CHARLESGATE WEST
CHARLESGATE EAST
NEWBURY ST.
BOYLSTON ST.
FENWAY PARK
BROOKLINE
FENWAY
RIVERWAY
BACK BAY FENS
WESTLAND AV.
WARREN

CHARLESTOWN
BOSTON INNER HARBOR
To Mystic Riv. Toll Bridge
U. S. Naval Reservation
Frigate U.S.S. Constitution "Old Ironsides"
Prison Point Bridge
R.R. Bridges
Charles River
Charles River Dam
Museum of Science
NASHUA
Boston Garden
North Station
CAUSEWAY
CANAL
FRIEND
PORTLAND
MERRIMACK ST
West End Redevelopement Project
Mass. Gen. Hospital
CHARLESBANK PARK
Pool
BLOSSOM ST
CHARLES ST
CAMBRIDGE ST
CHARDON St
NEW
SUDBURY
Suffolk Univ.
State Office Building
State House
REVERE ST
PINCKNEY ST
VERNON ST
CHESTNUT
BEACON
Court House
City Hall
New City Hall
John F. Kennedy Federal Bldg.
CONGRESS
STATE
Custom House
Post Office Sq.
MILK
WASHINGTON
SCHOOL ST
WINTER ST
TEMPLE PL
FRANKLIN
FEDERAL
BROAD
MILK ST
High St
Fort Hill Sq.
Northern Av. Bridge
Channel
BOSTON COMMON
Frog Pd
PUBLIC GARDEN
ARLINGTON
BERKELEY
BOYLSTON
ESSEX
AVERY ST
TREMONT
WEST
BEDFORD
SUMMER
KINGSTON
BEACH
Park Sq.
ELIOT ST
STUART ST
DOVE ST
New England Med. Sch.
HARVARD
JOHN F. FITZGERALD EXPRESSWAY
Dewey Sq.
South Station
LINCOLN ST
SOUTH
ATLANTIC
DORCHESTER
Point
Summer St. Bridge
SUMMER ST
SOUTH BOSTON
Arlington Sq.
Castle Square Housing Project
CHANDLER
SHAWMUT
HARRISON
KNEELAND
Broadway Bridge
E. BERKELEY
TREMONT
NORTH END PLGD.
COMMERCIAL
CHARTER
Constitution Wharf
Battery Wharf
Sumner Tunnel (Toll)
Lincoln Wharf
Callahan Tunnel (Toll)
Union Wharf
Sargents Whf
Lewis Wharf
Commercial Wharf
T Wharf
Long Wharf
New England Aquarium
India Wharf
Rowes Whf
N. WASHINGTON
SNOWHILL
SALEM
HANOVER
COOPER
ENDICOTT
CROSS
FITZGERALD EXPRESSWAY
CLINTON ST
MARKET
S. MARKET ST
Legend
City Routes
One Way Streets
U. S. and State Routes
Freedom Trail
0 1/8 1/4 scale miles 1/2 Mile
Prepared by The National Survey, Chester, Vt.

6. Town names are no less confusing than street names. Present-day Boston includes the old townships of Allston, Brighton, Charlestown, Hyde Park, Roxbury, West Roxbury, Jamaica Plain, Mattapan, South Boston, Dorchester, East Boston and Roslindale. At the core of all this is Boston Proper, which includes the neighborhoods of the North End, West End, South End, Downtown, Chinatown, Beacon Hill and Back Bay. In addition there are unofficial terms, such as Readville, South Cove, Columbia Point and Orient Heights, in common use. The various governments, the post office, the telephone company and the local people all differ on which of these terms should be used. (But note that Brookline, although an inner suburb, is *not* a part of Boston.)

7. Adjacent areas often have similar names. For example: Newton Center, West Newton, Newton Lower Falls, Newton Upper Falls and Auburndale (how did it get there?) are all parts of Newton.

8. The Metropolitan District Commission (MDC) is a separate (not equal, greater, or lesser, just separate) entity charged with handling certain services for Boston and the outlying suburbs. The parks, MDC police, water supply, MDC "parkways," many pools, skating rinks, tennis courts, and sewers (including the Charles River) are managed by the MDC.

9. When traveling to an unfamiliar place pick an easily visible landmark near where you want to go, and head for that. It is also much easier to ask strangers for directions to landmarks than to out-of-the-way places.

Had I been present at the Creation, I would have given some useful hints for a better ordering of the Universe.

— King Alphonso the Learned, upon hearing an explanation of astronomy according to Plato

Maps

Free maps of Cambridge are available at the information office. Maps and schedules of the mass transit system (MBTA) are available free at the Park Street subway station. **The Coop** sells several good maps of Cambridge and Boston, including the Arrow Map of Boston, and **Car-free in Boston**, an excellent book with all sorts of transit, biking and walking maps.

Walking

Compared with many other cities, Boston is a city of microscopic distances, and walking is often the easiest form of transportation. During rush hour, it may almost be as fast as driving, especially from here to Harvard Square. Another advantage of walking is that you get a chance to meet people and see shops and activities you would otherwise miss. If you need an escort across campus at night, call Campus Patrol (x3-1212).

Mass Transit

Boston has one of the best and cheapest mass transit systems in the country. Most lines are owned and operated by the Massachusetts Bay Transportation Authority (MBTA), usually known as the "T." The T uses rapid transit cars, streetcars, electric buses (trackless trolleys), conventional buses, and diesel-powered commuter rail cars.

When traveling in Boston, especially in the central city, rely on public transportation. Do not, repeat, do not drive a car in the city, if it can possibly be avoided.

The MBTA system is built around its subway system. Most bus lines begin at subway stations. Most of the major bus routes in Cambridge radiate from either Harvard or Central stations on the Red Line. For details of subway system routes, see the Rapid Transit map on the next page. For bus routes in Cambridge, see the page after that. Complete system maps, showing all bus and subway routes, and bus schedules are available free inside Park Street station on the Red and Green lines. Dial 722-5000 for MBTA information.

Commuter intermediate-distance rail service to points north and west of Boston is available at North Station (227-5070). Lines to the south of Boston originate at South Station (482-4400). The MBTA rapid transit lines make stops at both of these stations, as shown on the subway map.

The great mass of humanity should never learn to read or write.

— D.H. Lawrence

Most lines do not run past 1am, and many stop earlier, especially on Sunday nights. Schedules late at night tend to be erratic; there may be cutbacks in runs, the driver may not feel like stopping, things are generally bad. Be careful when riding late at night or you may be left stranded. MBTA service usually starts around 6am.

Fares

The basic fare on bus "feeder lines" and rapid transit lines is 25 cents. There is an extra 25 cents charge on the Red Line to Quincy and on the Orange Line to Malden and Oak Grove. Where Green Line streetcars become surface lines, there is an extra 25 cents charge on the Riverside Line and 20 cents for the other lines. Special express buses traveling long distances with limited stops cost 50 cents or more. Senior citizens and children under 12 get a discount. There are no transfers for adults on the MBTA. Exact change is required on buses.

Monthly passes for unlimited MBTA rides are available the last four business days of the month to the MIT community at the cashier's office (10-180). The pass costs $9 per month for either bus or subway use, or $16.50 for both. Passes are also available for streetcars, express busses, and for subway extensions. They can also be bought at the Washington Street booth.

Columbia Auto Parts Co.

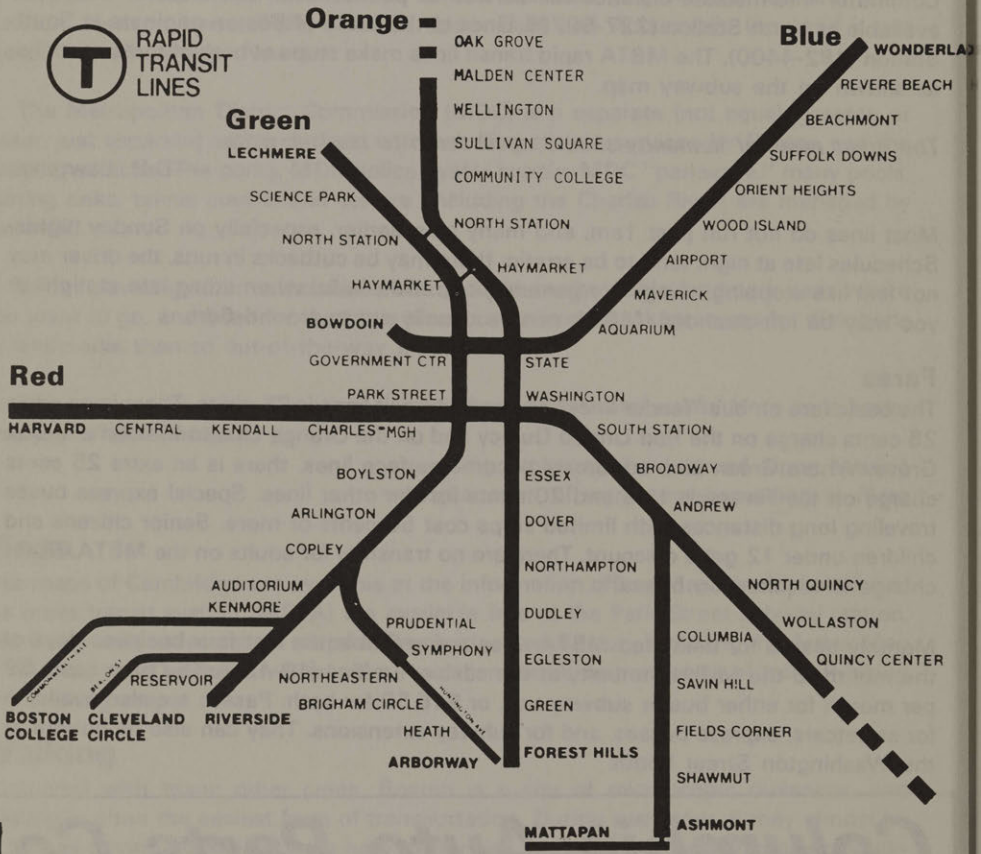
Wholesalers, Retailers and Distributors of Auto Parts and Equipment

Monday - Friday: *7:30 - 8:30*
Saturday: *7:30 - 1pm*

Machine Shop Service

Come see us for your American and foreign auto parts.

305 Webster Ave.
Cambridge
547-1800


RAPID TRANSIT LINES
Orange
OAK GROVE
MALDEN CENTER
WELLINGTON
SULLIVAN SQUARE
COMMUNITY COLLEGE
NORTH STATION
HAYMARKET
Blue
WONDERLAND
REVERE BEACH
BEACHMONT
SUFFOLK DOWNS
ORIENT HEIGHTS
WOOD ISLAND
AIRPORT
MAVERICK
AQUARIUM
STATE
Green
LECHMERE
SCIENCE PARK
NORTH STATION
HAYMARKET
BOWDOIN
GOVERNMENT CTR
PARK STREET
Red
HARVARD
CENTRAL
KENDALL
CHARLES-MGH
WASHINGTON
SOUTH STATION
BROADWAY
ANDREW
NORTH QUINCY
WOLLASTON
QUINCY CENTER
BOYLSTON
ARLINGTON
COPLEY
AUDITORIUM
KENMORE
PRUDENTIAL
SYMPHONY
NORTHEASTERN
BRIGHAM CIRCLE
HEATH
ARBORWAY
ESSEX
DOVER
NORTHAMPTON
DUDLEY
EGLESTON
GREEN
FOREST HILLS
COLUMBIA
SAVIN HILL
FIELDS CORNER
SHAWMUT
ASHMONT
MATTAPAN
RESERVOIR
BOSTON COLLEGE
CLEVELAND CIRCLE
RIVERSIDE

Connections at MIT

The line most often used by MIT people is the Harvard-Dudley bus (MBTA Bus #1), which stops at several rapid transit stations as it threads its way on Mass. Ave. through Cambridge and Boston. The bus starts at Harvard Square (Red Line), runs along Mass. Ave. through Central Square (Red), and passes the MIT Building 7 entrance. From MIT it continues across the Harvard Bridge to Boston, stopping at Auditorium (Green), Symphony (Green), and Northampton (Orange). Finally, there is a short leg south on Washington Street to Dudley (Orange), where the bus turns around for the return trip. Alternatively, if you're on the eastern part of the MIT campus, the Kendall Square station of the Red Line is only a short walk away.

Man is by nature political.

— Anonymous

This song, in a version recorded by The Kingston Trio, was a popular hit in the late 1950's.

Let me tell you the story of a man named Charlie
On that tragic and fateful day.
He put ten cents in his pocket, kissed his wife and family,
And went to ride on the MTA.

CHORUS:
Well, did he ever return?
No, he never returned
And his fate is still unlearned.
He may ride forever 'neath the streets of Boston,
He's the man who never returned.

Charlie handed in his dime at the Kendall Square Station
And he changed for Jamaica Plain.
When he got there the conductor told him, "One more nickel"
Charlie couldn't get off of that train.

CHORUS

Well, all night long Charlie rides through the stations
Crying, "What will become of me?
How can I afford to see my sister in Chelsea
Or my cousin in Roxbury?"

CHORUS

Charlie's wife goes down to the Scollay Square Station
Every day at a quarter past two,
And through the open window she hands Charlie a sandwich
As the train comes rumbling through.

CHORUS

Well, all you citizens of Boston, don't you think it's a scandal
How the people have to pay and pay?
Fight the fare increase, vote for George O'Brien
Get poor Charlie off the MTA!

CHORUS

Note: George O'Brien used this as a campaign song in his bid for mayor. (He lost the election miserably.)

Taxis

Taxis can be convenient since they avoid many of the usual problems associated with cars. However, they are expensive (95¢ for the first mile, 20¢ per 1/7 mile, plus 10¢ per minute), and are least available when you need them most. During rush hour they tend to be quite hard to find, and will sometimes take a half hour to answer a call. Just before a holiday or during bad weather they are almost impossible to find quickly; if you want a cab at such times you should call not less than an hour beforehand. Taxis may be reached through MIT x3-2301 or x3-2303 (two different companies).

Cab drivers are generally talkative, opinionated and non-violent, if you tip them 10-15%.

Bicycles

A two-wheeler can be a good answer to traffic and parking problems. Cyclists are legally expected to obey all traffic laws, but enforcement for bicycles is almost non-existent.

Keeping Your Bike

Theft is a tremendous problem. Both Boston and Cambridge are so well supplied with bicycle thieves that the chance of leaving even a cruddy bicycle unlocked overnight and finding it the next day are miniscule. Things are somewhat better during the day, but not much.

The only two bike locks which stand much of a chance of saving your bike are the **Citadel** and the **Kryptonite**. Both are available at the **Bicycle Workshop** and come with insurance. **The Coop** carries only the **Kryptonite**. Boston thieves, however, frequently take wheels, seats, and anything else not locked on.

There are indoor or covered bicycle parking areas located in the breezeway under Building 39, in the basements of Buildings 3 and 13, and in most of the dormitories. The area in Building 13 has a security guard on duty 24 hours a day. See the map at the front of this book for more details.

The wide variety of bicycle racks is the result of several experimental designs tried by Physical Plant, the Planning Office and others. If you have any particular favorite, or suggestions for new designs, Mr. Pickard at Physical Plant (x3-3940) would like to hear about them.

One place where bicycles should *never* be parked is on the handrails of the steps of the Hermann Building (E53). There have been several accidents involving blind people fall-

ing over bicycles left there, and Physical Plant has been known to cut chains and remove bicycles from improper locations. They have no objections to the use of light poles, no-parking signs, or trees, as long as safety hazards are not created.

Buying and Registering Your Wheels

Bicycles and accessories can be purchased from several stores in the area; check the Yellow Pages. The **Bicycle Exchange** (3 Bow St. Cambridge, near Harvard Sq, 864-1300) has the largest selection and somewhat reasonable prices. Other stores include **Cambridge Cycle Mart**, **Lifecycle**, **The Bicycle Revival**, **Bicycle Workshop**, **Herson Cycle** and **Brookline Sales and Service**. Shop around before you buy, and make sure you don't get rooked on the accessories. **Hint:** Buy a lock and chain first, so you have a means of keeping your brand new bike.

The Bicycle Repair Collective (351 Broadway Cambridge, 868-3392), a political collective, is claimed to be good for parts and repairs at non-ripoff prices. Good advice on repairing your bike and tools to do it with are also available.

Bicycles should be registered at the Police Station in Central Square (5 Western Ave). It costs 25¢ but helps them recover your bike if it is stolen. Be sure to record your bike's serial number since that is the only way to positively identify it. Also, Cambridge police will not look for your cycle if you can't give them a serial number.

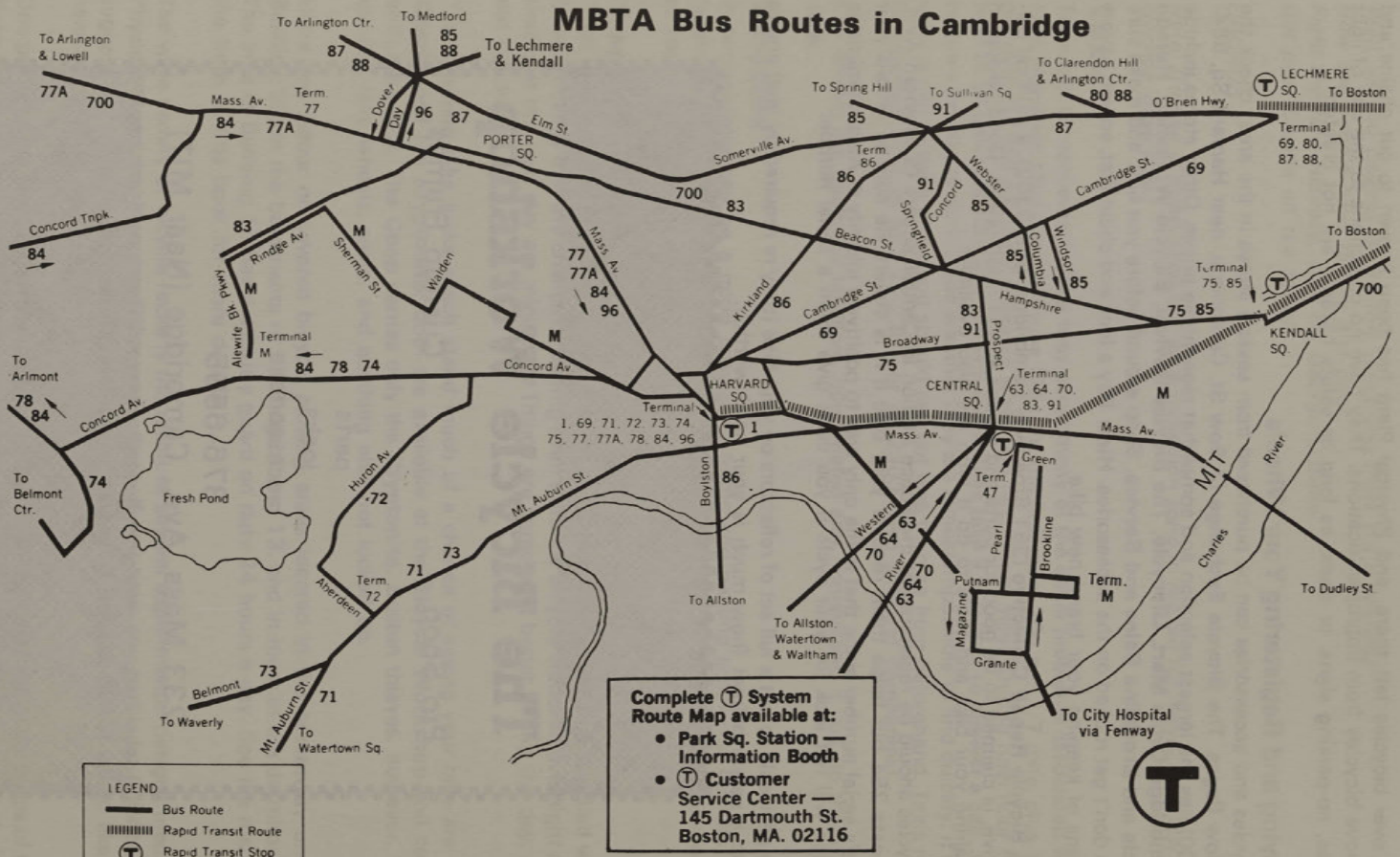
It is advisable to put a full set of reflectors on your bike (they're required by law) and to wear a safety helmet (how much is your head worth?).

The Bicycle Workshop

Pro Shop Custom Frames

parts
locks
accessories

876-6555
233 Mass. Ave., Cambridge (Near MIT)


MBTA Bus Routes in Cambridge
To Arlington & Lowell
77A
700
Mass. Av.
84
77A
To Arlington Ctr.
To Medford
87
88
85
88
To Lechmere & Kendall
Term. 77
Dover
Day
96
87
Elm St.
PORTER SQ.
Somerville Av.
To Spring Hill
85
To Sullivan Sq
91
To Clarendon Hill & Arlington Ctr.
80 88
LECHMERE SQ.
To Boston
O'Brien Hwy.
87
Terminal 69, 80, 87, 88,
Term. 86
86
91
Webster
Concord
Springfield
85
Cambridge St.
69
700
83
Beacon St.
To Boston
Concord Tnpk.
84
83
Rindge Av
M
Sherman St.
Walden
Alewife Bk. Pkwy
Terminal M
84 78 74
Mass. Av.
77
77A
84
96
Kirkland
86
Cambridge St.
69
Columbia
Windsor
85
85
Hampshire
Terminal 75, 85
75 85
700
83
91
Broadway
75
Prospect
KENDALL SQ.
To Arlmont
78
84
Concord Av.
Concord Av.
HARVARD SQ.
Terminal 1, 69, 71, 72, 73, 74, 75, 77, 77A, 78, 84, 96
CENTRAL SQ.
Terminal 63, 64, 70, 83, 91
M
Mass. Av.
Mass. Av.
To Belmont Ctr.
74
Fresh Pond
Huron Av.
72
Mt. Auburn St.
Boylston
86
M
Term. 47
Green
MIT
River
Charles
Western
63
64
70
River
70
64
63
Pearl
Brookline
Putnam
Term. M
To Dudley St.
Aberdeen
Term. 72
71
73
To Allston
To Allston, Watertown & Waltham
Magazine
Granite
Belmont
73
71
To Waverly
Mt. Auburn St.
To Watertown Sq.
To City Hospital via Fenway
Complete Ⓣ System Route Map available at:
• Park Sq. Station — Information Booth
• Ⓣ Customer Service Center — 145 Dartmouth St. Boston, MA. 02116
LEGEND
Bus Route
Rapid Transit Route
Rapid Transit Stop

The Boston Area Bicycle Coalition (BABC,3JoyStBoston,727-3179) works on legislation to help commuting cyclists. Among other things, they help new commuting cyclists with a bike-buddy service and with workshops. Call their number for information on their services and tours.

The **Charles River Wheelmen** (131 Mount Auburn St Cambridge) organize frequent bike trips and sports events. See Prof. David Wilson (3-447,x3-5121) if you are interested in the more esoteric aspects of cycling such as researching bike dynamics or developing new bike routes.

If you are traveling on Amtrak, you can bring your bike for only $2 if you remove any batteries and turn down the handlebars, reverse the handles and box it. Be sure to show up at the station a half hour early and try to be on hand when the bike is loaded and unloaded. Make sure there are baggage rooms at the stations at both ends of the trip and avoid the Turbotrain and Metroliner which have no baggage cars.

Motorcycles

Motorcycles must be registered with Campus Patrol. Out-of-state cycles must also be registered with the local police. Check with Campus Patrol (x3-2997) for details. State law requires that you have a certain minimum amount of insurance and proper headgear for both driver and passenger. There are several motorcycle organizations in the area. Check with other owners, or dealers. Wear a helmet!

Automobiles

A car can be a great advantage, but driving in Boston involves a large set of aggravations (including Boston drivers). However, parking problems notwithstanding, a car is normally the best means of transportation for people living far from MIT.

Parking

Parking is a problem, but not too bad if you don't mind walking long distances and feeding meters. Meter maids patrol during the daytime, so if you neglect to pay up you're very likely to get tagged. Car thieves are as prevalent as bicycle thieves, so keep your car locked and put tempting articles out of sight, preferably in the trunk. There are lots of garages in the theatre and shopping districts, but they fill early and cost a lot. When going downtown for the evening, go early or take the "T."

MIT parking is very tight. Faculty and some staff members can get stickers for the lots and garages from their departmental headquarters (trading stickers is permitted; check the ads in *Tech Talk*). Some people park in the street, frequently blocking firelanes, pedestrian access and each other. To get a street space reasonably close to the main buildings you should plan to arrive around 7am. Parking is banned, however, on Memorial Drive from 7-10am. You might be able to find a space if you arrive close to 10am. Otherwise, start looking for a space about ½ mile away. After 5pm on weekdays and on weekends, the MIT lots are generally open to all. However, be wary of the parking garages at night. They are high-risk areas for theft and assault.

Dormitories have small parking lots available to residents; check at the desk. Dean Robert Holden (W20-345, x3-7974) has some stickers he will give out if you can show

good cause. Campus Patrol (x3-2997) has information on good places to park around the Institute and can issue temporary or guest parking permits.

During the winter, snow removal is slow and inefficient; side streets often don't get plowed. There are also emergency parking bans on many major streets during snow storms. If you park in the street, be sure you are familiar with the regulations which apply at that location.

If your car is parked in Cambridge, make sure that you will know if an official "snow emergency" is declared. At such times, all parked cars must be removed from Memorial Drive, and other locations marked by a red-and-white "Snow Emergency" sign. You can use the Westgate West parking lot overnight, but must move your car in the morning. The 24-hour Cambridge parking ordinance is enforced during snow because they can tell how long you have been parked.

Radio stations WEEI, WCAS, WBZ, WHDH, WRKO, and WCOP will broadcast announcements of emergencies (see **Radio** in **Media**). Also you can call the appropriate municipal Departments of Traffic and Parking. In Cambridge, the number is 867-6800, x314.

If you live in an apartment, your landlord may provide off-street parking. If he promises to provide it, be sure it says so in your lease. You may be able to rent garage space nearby (rates run around $15 a month). Otherwise, you'll have to park in the street, if it is legal. (In Brookline it is forbidden to park in the street overnight, so make sure you get a parking space.)

Beacon Street is the only street in the country where you have to back in to doublepark.

Parking on certain Cambridge Streets is banned from 7am-10am due to Environmental Protection Agency regulations. However, cars with resident parking stickers are allowed to park on streets within one half mile of their owner's residence. Stickers are available only for cars with Massachusetts plates, and cost $1. They are available at Cambridge City Hall.

"You're driving like a maniac."

"This is Boston. Everyone drives like a maniac."

E. Segal

Service and Repairs
on all Foreign and American cars
Insurance Estimates - Body Work
Towing

M.I.T. AUTO REPAIR, INC.

220 Mass. Ave.
Cambridge, Mass.

Getty

Tel. 547-7887
354-9462

Traffic

Boston traffic is heavy even during non-rush hours. During rush hours (7-9am, 3:30-6pm) it becomes ridiculous. As you become familiar with the area, you should notice and use shortcuts and circuitous routes which will avoid the major jam-up areas. Example: Bay State Road is a good way to bypass Kenmore Square going west from Beacon Street onto Commonwealth Ave.

WBZ (1030 AM) has regular traffic reports from a helicopter, and WHDH (850 AM) uses a plane for its Skyway Patrol. WEZE (1260 AM) and WRKO (680 AM) also report on traffic. All can be invaluable to someone with little knowledge of the area and a car radio.

Many intersections which *should*, do not have stoplights. Some of those that do, also have pedestrian-operated lights, but watch out for pedestrians who blithely cross against the light and expect you to come to a screeching halt. The area is full of them. Also watch for pedestrians crossing at any random point, which happens most frequently around a college (such as MIT), but is pandemic.

Boston drivers are unbelievably bad, even for a large American city. On any given day you can see the entire repertoire of wrong turns, U-turns, nerve-wracking lane changes, light crashing, weaving, speeding (too fast or too slow), plus some new tricks such as charging up the left side of the street at 60 mph in order to be able to make a left turn against oncoming traffic before the light goes red. The traffic pattern at red lights is that people keep zipping through 1½ seconds after the light turns red, but don't move when it turns green for about the same time (which balances things). Massachusetts has one of the lowest fatality rates in the country, but may be #1 in "fender-benders."

Buying A Car

New Cars:

Take time to shop around, and be prepared to bargain with the salesman; his first price usually isn't the best he can offer. Prices tend to be lower in the suburbs. It is possible to buy a car and have it registered in your home state (if you're not from Massachusetts), thereby saving the sales tax and excise tax. This may affect insurance rates, which are discussed earlier.

Used Cars:

Be doubly careful. Used car dealers are generally disreputable and over-priced; national dealers are not much more reputable than local dealers. Instead of buying from a

Service, not service charges.

Good service isn't something you should have to pay for.
So when you buy car, apartment, or any insurance from us,
there's no service charge tacked on.
And we'll only sell you what you need.

W. T. Phelan & Co.
Insurance Agency Inc. Since 1898
11 Dunster St., Harvard Square (next to the Holyoke Center).
876-0876. Representing Aetna, Travelers, Hartford.

dealer, check *Tech Talk*, the *Phoenix*, and the *Globe* for potential sellers. (Buying from a stranger is risky, but not so much as purchasing from an experienced salesman.) If you *do* buy from a dealer, first consult the Better Business Bureau.

Maintaining a Car

Car maintenance can be a problem. Many garages are shady, if not outright dishonest. Find a reputable garage and stick with it; ask someone who has been around for a while. There are several tire companies in the Cambridge area that sell tires at large discounts; watch for ads in the MIT newspapers. **Good News Garage** (46LandsdowneStCambridge,354-8946) offers auto repair courses and will rent its facilities for Do-It-Yourself repairs. **Hackers' Haven** (31LandsdowneStCambridge,354-8610) and **Mechania** (31TudorCambridge,354-9339) also rent their facilities.

Keeping a Car

Keeping your car is also a problem, since thieves abound. Boston has the highest auto theft rate in the country. Even daylight thefts are amazingly frequent; professionals can steal a car in less than five minutes. Try installing an alarm, especially if your car is new or otherwise desirable. However, be attentive to locking your car properly when you have one; car thieves listen for an alarm that indicates that the driver has left his door open. Try to park your car in a well-lit and conspicuous spot, where an alarm buzzer will attract somebody's attention. Also steering, clutch or ignition locks will slow down (but not stop) a thief. Contact Campus Patrol for more advice. They have available a list of anti-theft devices with an evaluation on each one.

Insurance

Massachusetts auto insurance, both personal injury and property, works on the no-fault system. This essentially means that in most cases your insurance company (if you are a Massachusetts resident) is responsible for covering damage to your car and your injuries, regardless of who is at fault in a collision. By law, Massachusetts motorists must have certain minimum coverage. If a collision involves an out-of-state car, the no-fault provision probably does not apply and the insurance company of the party at fault is responsible. In response to numerous complaints, the Massachusetts Legislature is considering the repeal of no-fault property insurance and institution of driver safety record discounts.

If you are insured in another state you must have the equivalent of the minimum insurance required by Massachusetts state law. In addition, at the beginning of the new

M. FINN INSURANCE

428 Mass. Ave.
Cambridge, Mass.
868-8180

year when you renew your policy, you must inform your insurance company that your car is now principally garaged in Massachusetts. This will result in your having to pay Massachusetts insurance rates (the highest in the nation). Please note that you should give your company the name of the city you are actually living in, as rates vary by city (Boston being the highest, and Cambridge one of the next highest). While you might be tempted not to report to your insurance company that your car is in Massachusetts, *this is a serious risk.* The company would not normally catch you, but if you do get into a collision, they might well find out in the process of the investigation and refuse to pay you anything at all. Thus, you may effectively have no insurance coverage at all.

Buying Insurance

If you were insured in another state, you will save money (cancellation fees and the like) by insuring with the same company in Massachusetts, if they have agents here. Likewise, you will do well to insure with a nationwide company if you are not a permanent Massachusetts resident. Check around with a few agents and see what they have to offer, for auto rates in Massachusetts are fixed by law.

Registering Your Car at MIT

All student-owned cars must be registered with the Campus Patrol annually. In addition, out-of-state cars must be registered with local police. You can do this in the Armory on Registration Day, or anytime at the Campus Patrol Office.

Registering Your Car with the State

Massachusetts Registration: In order to register a car in Massachusetts you must have the required minimum insurance and pay an excise tax of 6.6% of the value of the car. Also, cars registered in Massachusetts must pass semi-annual auto inspections in April and October. (This can be done at most service stations which have repair facilities.)

Out-of-State Registration: Rules vary depending on which state you are from, but the following generally applies:

If you are from outside Massachusetts you will probably do well to keep your out-of-state registration. According to state law you must register your car within thirty days of becoming "gainfully employed" here. (Graduate students receiving a stipend or having a fellowship or assistantship may fall under this category.) Otherwise, you are probably able to keep your registration, provided you don't become a legal resident of Massachusetts. (Registering to vote or getting married may affect this.) In any of these cases check with Campus Patrol or the Registry of Motor Vehicles.

Questions about Massachusetts vehicle laws and regulations concerning out-of-state cars (including insurance) may be addressed to the Massachusetts Registry of Motor Vehicles, 100 Nashua St, Boston 02114, 277-7800, or to the Campus Patrol (x3-2997).

Note: A useful information sheet is included in your registration material each term.

Foreign Drivers

Drivers from a number of countries may drive for one year in the US on an international license, which can be obtained in the home country. The end of the year is designated

as the earlier of (1) the end of the academic year or (2) one calendar year from the date of entry into the US. For full details call the Foreign Student Office (x3-3795), Campus Patrol (x3-2997) or the Registry of Motor Vehicles.

Carpools

You can reduce pollution, save on gas and other expenses, and perhaps make some friends if you join or organize a commuter carpool. The classified ads in *Tech Talk* and the Planning Office (x3-5831) are handy for locating rides/riders.

Renting a Car

If you can't get a ride with someone else, renting a car may be the answer. Shop around for the lowest rates, and try to work out how far you will want to drive. Most car rental firms do not rent to people who are under 21. **Locost**, (25 River St, Cambridge, 354-1160), will rent to students who can present an MIT or Harvard ID; **National** will rent to those over age 18. See the chart for rates and policies of these and a few other local and national rental firms. If you find these unsatisfactory or inaccessible, try the Yellow Pages for firms throughout the Boston area. In general, the local ones will be the cheap ones, but check their reputations first; some provide insurance while others do not. However, with a national firm you have the advantage of being able to leave the car at a distant point.

If you will be using the car over the weekend or for only a short time, check about lower weekend rates and/or "8-hour special" rates. Many firms have them.

Long Distance Travel

Railroads

Trains provide a reasonably comfortable way to travel. They have enforced smoking regulations, plenty of leg room, space to walk, and snack service. Amtrak operates trains out of Boston to New York, Washington and points south, and to Albany, Detroit, Chicago and points west. Connections are available to the entire US from Chicago and New York.

Prices are competitive with buses (about $20 to New York City, $27 round trip and more expensive on Friday or Sunday). Trains to the South tend to be as fast or faster than buses; to the West, the trains are slower than horses. Scheduled travel time to New York is about 5 hours, though they tend to run late, particularly during holidays.

Amtrak trains leave Boston from South Station (MBTA Red Line), and from Back Bay Station, 145 Dartmouth St, behind the John Hancock Tower in Copley Square (MBTA Green Line). During holiday seasons, trains can be standing room only, and it is always easier to find a good seat at South Station than at Back Bay. For information call Amtrak (1-800-523-5720) or South Station (482-7800). Schedules change every 2 or 3 months.

Buses

There are only two bus terminals in Boston. Continental Trailways is at 10 Park Square (482-6620) and Greyhound is at 10 St. James Ave, just off Arlington Street (423-5810); the stations are located close together near the Arlington St. MBTA Station. All other bus lines use one or the other of these terminals. If you don't know which com-

Company	Type Car	Rates (Cambridge)	Insurance	Who Can Rent
Locost 25 River St., Cambridge 354-1160 155 Stuart St., Boston 227-7368	Compact Full-size	$14.00/day, 11¢/mile for over 50 miles $19.00/day, 11¢/mile for over 50 miles	Full coverage required; costs $2/day	Cambridge Locost: Students who can present any major area college ID. Boston Locost: over age 21
Econocar 905 Main St., Cambridge 492-3000 7 Eliot St., Boston 542-9800	Subcompact Compact Intermediate	$16.50/day, 11.¢/mile $18.90/day, 12¢/mile $21.95/day, 13¢/mile (150 free miles)	$50 deductible, costs $3.50/day	Over age 21, with a major credit card, 1-year Boston-area employment, or student status (24 hour notice)
Hertz 95 Mt. Auburn St., Cambridge 547-0336 Motor Mart Garage, Park Sq. 482-9100	Subcompact Compact Full-size	$22.00/day,31¢/mile, $233.00/week $23.00/day,32¢/mile $243.00/week $25.00/day,33¢/mile $263.00/week (20% discount to MIT student or faculty ID) unlimited mileage on weekly rates	Full collision coverage, optional; costs $3.50/day personal accident insurance; costs $2/day	Over age 21, with a major credit card or cash deposit (minimum $50); company needs to verify employmer and get a credit reference
National 1651 Mass. Ave., Cambridge 661-8747 441 Stuart St., Boston 426-6830	Subcompact Compact Intermediate Full-size	$11.95/day, 13¢/mile $13.95/day, 16¢/mile $14.95/day, 19¢/mile $15.95/day, 20¢/mile (unlimited mileage	Collision-damage waiver costs $3/day; waives $250 deductible ance; costs $1.50/day	Over age 18 with a majo credit card, 1 year area employment, or student status at MIT, Harvard, o Tufts (24 hours advance notice to verify)

pany you want, call Greyhound or Trailways and tell them where you want to go; they will explain which company serves your destination. Then call the company — there may only be one small line serving a particular locality. Bus lines will take you almost anywhere on the continent, and they are the cheapest form of public transportation on most routes. Don't give up trying to call Greyhound. You may think that they forgot you when they put you on hold, but generally someone will answer if you wait fifteen minutes or so.

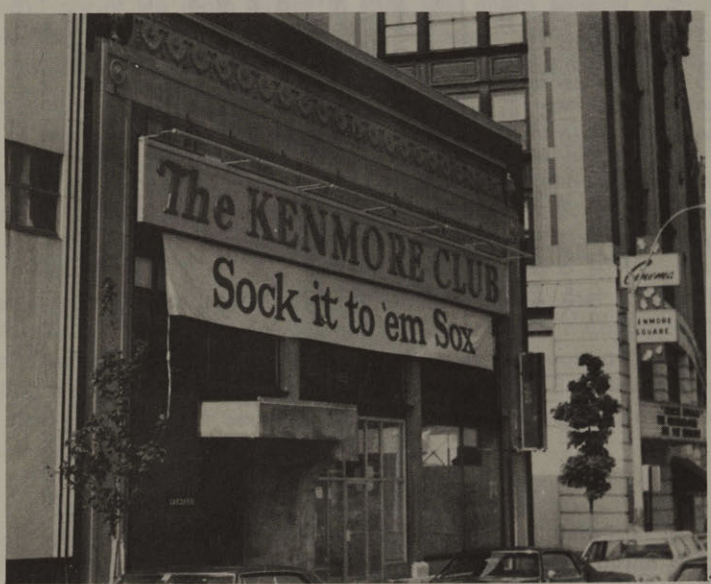
Airlines

Logan Airport (Massachusetts Port Authority, 567-5400) is the eighth busiest airport in the world, handling commercial flights to everywhere in the US and many foreign cities. You can call the airlines day or night for reservations and information.

Flying "standby" is cheapest, though you may spend most of a day waiting at the airport when the planes are filled with regular passengers during busy times. This is not the way to travel on holidays. For holidays, you should make reservations well in advance. Christmas flights start filling up at Thanksgiving.

Travel time to Logan runs about an hour by MBTA (though it can be less) or half an hour to two hours by cab, depending on traffic conditions. Avoid the rush hour if possible. People who intend to make a reservation for a "supersaver" flight for Christmas should start in October. Summer is easier.

Note: If you are flying a long distance and have to make a connection in New York City, make sure that you go to the airport that has the desired flight. Unlike other cities, New York has three separate airports which are quite far apart, and it is very expensive to get from one to another.



Automobiles

If you own a car, driving can be the most convenient way to get where you're going. However, if you are traveling alone, driving can be extremely expensive and tiresome. Riders and drivers can find each other through the APO ride board opposite 7-133. Want ads in *Tech Talk,* the *Real Paper,* and the *Boston Phoenix* also work.

One way to get a car for a long distance trip is to call one of the auto delivery services listed in the Yellow Pages under Automobile Transporters. They have cars that need to be taken to many parts of the country, and they will pay some expenses.

Travel Services and Agents

There is no official group at the Institute that arranges charter or group flights for students traveling during vacations. The **MIT Quarter Century Club** (x3-7914), serving the entire MIT community, offers charter tours to faraway places. However, the trips generally last only a week. The cost includes not only air fare but also hotel accomodations and often some meals, sightseeing trips, or other extras. Of course, there is a plethora of outside agencies offering wonderful bargains, but not all these firms are reputable. *Caveat Emptor.* Often you can save some money by checking with the airlines or a reputable travel agency for information on night travel and special excursion fares.

There are two travel agencies that serve the MIT community:

Heritage Travel (x3-7961). Their Kendall Square office is convenient, but they do not accept phone orders from students, nor will they deliver to people not listed in the faculty/staff directory.

Raymond and Whitcomb (x3-4438). They are an easier agency for students to go through since they will accept phone orders placed through TCA and will deliver tickets to TCA for pickup at no extra cost.

You can order all airline tickets directly through TCA (x3-4885, Rm W20-450), or reserve them directly through the airlines on your own and then come to TCA to request delivery there. By picking up your ticket at TCA you can eliminate extra delays and hassles at the airport and can avoid making a special trip when a ticket must be picked up and paid for days in advance (e.g. for some special fares or during peak travel times).

Law

EMERGENCY—DIAL 100 on any Institute phone

There are two basic sections in this chapter, Institute Law and Outside Law. On campus one must deal with student committees, the campus patrol, the Dean's Office, and various official MIT administrative groups. Each has its own area and purpose. Outside, one is at the mercy of many levels of government and law enforcement.

Institute Law

Campus Patrol (Armory, x3-2996, dl 8191)

Campus Patrol policy is to keep peace and not necessarily to make sure that evil gets punished. They can be consulted unofficially. If you get in trouble either on campus or off, give the Patrol a call. They will contact the Institute lawyers if you need them.

Deans' Office (5-104,6,8,x3-4861)

The specialists in this area are the Deans for counseling, namely Deans Halfman, Heine and Hope. You can consult with them about legal aid, referral to other sources of assistance, and confidential counseling.

Go not to the elves for counsel, for they will say both yes and no.

— John Ronald Reuel Tolkein

Discipline Committee

At present, the basic unit of Institute law is the Faculty Committee on Discipline, a group of eight faculty and five students (two graduate, three undergraduate). The purpose of the Committee is to examine complaints made against students by anyone in the MIT community, make judgments and determine action on each case.

The range of actions open to the Committee includes admonition (warning; no official records kept), disciplinary probation (warning; recorded on transcript), recommendation that the student be expelled, and other sanctions the committee deems appropriate. Recommendations for expulsion must be reviewed and implemented by the President.

It's a good thing we only have eight terms at the Institute. We only have nine lives, you know.

— *thursday*

MIT Common Law

At present the Institute functions under a system of common law. Academic cheating and plagiarism are major offenses. Theft, careless risk of causing harm to persons and misuse of Institute property are as unacceptable as in any other community. Willful harm to persons or destruction of property are very serious offenses. The Discipline Committee treats each case individually. If you are interested in this subject, look up some Committee members and talk with them.

Notes for the Accused

You'll get a letter from the Dean's Office telling you of what you're accused and by whom. You should consult the Dean's Office, which will tell you to find a counselor and inform you of Committee procedures. You can also contact the Committee directly.

The Committee on Discipline consists of faculty and students. No member of the Committee who is involved in the particular case in any capacity may sit in judgement. A quorum consists of a majority of the members. The student accused will be informed of the nature of the specific charges against him/her long enough beforehand to prepare for the hearing, and (s)he will be provided with a copy of the Discipline Committee procedures. Consult the DSA office (10-186,x3-4158) or the Chairman of the Discipline Committee for further information on procedures.

NOTE: The publication **Policies and Procedures** states, "If a student's infraction involves him or her both in Institute judicial proceedings and in court proceedings, and if an Institute decision might prejudice his or her court case, the Institute will usually hold its decision in abeyance until after the court proceedings have reached a conclusive point."

The laws of thermodynamics:
1. You can't win.
2. You can't break even.
3. You can't get out of the game.

— Dwight Batteau, "Stupidtheorems"

Privacy and Files

You have the right to review Institute files about you, except those assembled before November 19, 1974, in which the author has been assured of confidentiality. You also have the right to challenge the contents. The school cannot release information about you to outside people (including parents and employers) without your consent. However, information given to the Information Office for use in publication of the Student Directory can be given out to anyone who asks.

A request for review of material contained in your files must be made in writing to the Office of Dean for Student Affairs or to the Office of the Dean of the Graduate School. Forms are available for this in these Offices and they will be glad to answer questions.

Outside Law

Outside the Institute you have to worry about various government types. You can receive information about city laws from the agency involved, simply by phoning and explaining what you need to know. (CambridgeCityHall,876-6800;BostonCityHall,-722-4100). The Dewey Library at MIT (BldgE53) maintains an up-to-date copy of the state's legal code. You can also inquire about law by phone, through Consumer Affairs at 727-7780. Their specialties are tenant and consumer problems, but will refer you to proper agencies to handle any troubles.

Freshman Rules, 1928

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

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

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

1. All Freshmen should wear regulation ties, four-in-hand, with cardinal and gray stripes. These should be worn when on Institute grounds from the day classes begin until the beginning of Junior Week. These ties are to be sold on registration day by the Freshman Rules Committee, and after that by the Coop.

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

3. Freshmen are expected to say "Hello" to all students they meet on the Institute grounds.

4. Freshmen should not loiter around the Main Lobby, or sit on benches in the Lobby. If the Freshmen win Field Day, this restriction shall be abandoned.

5. Administration of the above rules shall be delegated to a Freshmen Rules Committee which shall consist of the vice president of the Institute Committee as ex-officio chairman; two Juniors, one of whom shall be the president of the Junior Class; four Sophomores, one of whom shall be the president of the Sophomore Class; two Freshmen section leaders. The Junior and three Sophomores shall be appointed by the vice-president of the Institute Committee, the presidents of the Sophomore and Junior classes subject to the ratification of the Institute Committee.

6. When an upper-classman or a Freshman sees another Freshman violate the above rules, he shall immediately inform the Freshman Rules Committee, by dropping a card or a slip of paper in an institute mail box, stating the rule violated, and the date of violation. When four violations have been reported against one Freshman, he shall be sent a summons to appear before the committee.

7. Enforcement of the rules is at the discretion of the Freshman Rules Committee.

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

The end of the Freshmen rules regime at Tech comes early in the spring at which time there is held a big rally of the Freshman class. A tree is planted to commemorate the occasion and then a huge snake-dance is formed by the entire class and they wind slowly by a large bonfire, each one throwing his necktie into the flames. Thus ends the Freshman rules and no longer need the Freshmen fear the upperclassmen.

— MIT Handbook, 1928

Arrest

If you are arrested, call Campus Patrol (253-2996 — lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Patrol will help the students in seeking release from custody on the student's personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — just ask for a "continuance." (Campus Patrol will explain all this and more if you call.)

A good pamphlet, *If You Are Arrested,* is available free from the Office of the Massachusetts Attorney General. The Information Office (7-121) should also have some copies available for reference.

Automobile Problems

If a policeman believes that you have been driving under the influence of alcohol, you have the option of accompanying him to the station house to be tested. If you refuse, there is an automatic revocation of your license. If the latter occurs, you must make a formal request in order to get your license back.

If an automobile dealer fails to service your car under the terms of its warranty, complain to the Massachusetts Attorney General (Consumer Protection Division, 727-8400).

False Fire Alarms

Persons turning in false fire alarms from anywhere, including dormitories, are liable for up to a $500 fine. Several years ago, a fireman was killed answering a false alarm here. **Don't do it.**

Guns

The possession of any type of firearm (including air pistols and air rifles) in Massachusetts is strictly regulated. Failure to have a Firearms Identification Card (FID) or a License to Carry will result in a mandatory one-year imprisonment for the first offense and 5 years for the second. Furthermore, possession of a firearm on the grounds of a college or university without specific authorization from the particular school carries a penalty of $1000 fine and/or one year imprisonment. **Get those permits immediately!**

For details call the Rangemaster (x3-3296)

Legal Problems/Legal Aid

Call the Dean's Office (5-104,x3-4861), or Campus Patrol (x3-2997). They will either help you directly or refer you to the appropriate people. Greater Boston Legal Aid Services (742-8930) will help you get in contact with the right people to help you. Conversation with the Dean's Office is confidential.

Patents, Copyrights

If you think you have a patentable idea, visit the Patent Administration Office (E19-619,x3-5361). There you can get a copy of *Patent and Copyright Procedures* and information about the legalities and hassles involved.

Regarding the idea itself, you should talk with someone in your field (the Patent Administration Office can recommend someone) about the possible existence of previous patents similar to yours. The whole procedure is extremely complex, but the rewards of having a patent of your own make a preliminary investigation worthwhile.

Thefts from Within and Without

Boston has the highest rate of theft in the country (Cambridge is second). This is primarily due to bicycle and auto thefts (see **Travel and Transportation**), but other ripoffs are not far behind. Typical things stolen include money, watches, stereos, cameras, typewriters, tape recorders, TV's, mixers, blenders and ovens. Thefts occur at four in the morning and in broad daylight, in laboratories and in dormitories. There are a few insiders also. So watch it.

A few thieves look like refugees from a junior high school, but most are hardened professionals with several years of experience in and out of jail. They usually work alone, but sometimes groups will clean out an entire area.

Many of the most dramatic thefts have occurred while people were present in the same room. Purses have been stolen from desktops while a secretary was looking in a file. An expensive typewriter was stolen from the TCA office while two *HoToGAMIT* staffers were working there. And a safe in the Student Center was broken open while several people were in the room next door.

If you leave doors unlocked and valuables lying around, you stand an even greater chance of being robbed. "I was only gone a minute" is a familiar story to the Campus Patrol. Lock up valuables such as purses and wallets in a desk drawer and don't leave things too near a doorway.

Over 1500 incidents are reported at MIT each year. For information on "Operation Identification," which may halp discourage theft, see the **Insurance** section of the **Financial** chapter.

There have been several cases of armed robbery, rape and assault on campus. A few years ago, two MIT students hitchhiking on the Harvard Bridge were robbed. One was brutally murdered while the other was "luckier" — he only was in critical condition for several weeks. Don't ever carry large sums of money alone, especially after dark. Avoid unlit or isolated areas such as Briggs Field or even the parking garages. On returning to campus from outlying communities, give some thought to well-lit routes. Wherever you go after dark, try to have a few friends with you if possible. The Campus Patrol will escort late-working students and employees from main buildings to dorms or parking lots at night, if requested (x3-2996).

Voting

To register go the Election Commission of the city where you live: Cambridge Election Commission, 362 Green St., one block west of Central Square (876-9828); Boston City Hall, Government Center (722-4100).

Appendix 1 — Lexicon

The following is a dictionary of MIT words, phrases, and acronyms. Terms commonly identified by either acronym or name are listed here by acronym. Alphabetically, acronyms are listed before words.

AA — (1) Aeronautical and Astronautical Engineering, Course XVI. (2) Athletic Association.

AISEC — Association International des Etudients en Sciences Economiques et Commerciales; international exchange program of business and economics students.

AI — Artificial Intelligence.

All Tech Sing — An annual event held every spring during Kaleidoscope weekend.

APO — Alpha Phi Omega, national service fraternity (W20-415,x3-3788).

ASA — Association of Student Activities.

AWS — Association for Women Students.

BASIS — Summer orientation for foreigners coming into the Boston area.

Beaver — (1) MIT mascot. (2) Tool.

Big Sail — The official name of the steel sculpture south of the Green Building. Site of the annual spontaneous tuition riot.

Big Screw — A 36″, solid aluminum, left-handed thread, wood screw presented by APO during Kaleidoscope to the faculty or staff member voted most deserving.

Bostock — A transitive verb meaning to fail 30% of the pupils in a required subject and call them idiots.

Brass Rat — The MIT ring, which tradition tells us is the only college ring in the country without a stone. Tradition is apparently wrong in this case.

bridge circuit — A running course along the Charles River which includes the BU, Harvard, and/or Longfellow Bridges (not to be confused with a circuit bridge).

Bruno — A unit of volume resulting from a piano falling six stories onto Amherst Alley from the roof of Baker House.

BSO — Boston Symphony Orchestra.

BSU — Black Students Union.

Bummer — Post-**choke** or post-**screw** description of said screw or choke.

bug — (1) A natural or introduced flaw often the cause of a **crash**. (2) One of our cherished friends inhabiting MIT dorms, they do not pay tuition.

busted — Arrested.

by definition — (1) Clearly, obviously. (2) Necessarily.

CAP — Committee on Academic Performance.

CAES — Center for Advanced Engineering Studies.

CAVS — Center for Advanced Visual Studies.

CE — (1) Chemical Engineering. (2) Civil Engineering.

CEP — Committee on Educational Policy.

CFD — Constructed Facilities Division of the Civil Engineering department.

CIS — Center for International Studies. Located in the Hermann Building, and a perennial target for radicals.

COC — Committee on Curricula. Also abbreviated "CC."

CSC — Chinese Students' Club.

CTS — Center for Transportation Studies.

CTSS — Compatible Time-Sharing System. One of the earliest time-sharing computer systems. *See* **Multics**.

CVA — Committee on the Visual Arts. Student-faculty committee responsible for the placement of "art" on campus.

Cambridge Tool & Die — Local **knurd** shop.

Camp Cambridge — MIT.

caveat emptor — Let the buyer beware.

cease — Stop what you are doing *now,* e.g. "Cease, you ill random!"

Centrex — Central Exchange, MIT's main phone system.

Chancellor — The office presently held by Paul Gray. He assists the President of the Institute and works on major projects of his own.

Cheney Room — Margaret Cheney Room (3-310), for women students only.

choke — To snatch defeat from the jaws of victory.

Chorallaries — Mixed vocal group.

Compton Lecture Hall — Room 26-100.

Concourse — An experimental freshman program. Prof. Louis Bucciarelli (x3-2272) has more information.

Coop — Co-operative store. Located on the first floor of the MIT Student Center, in Harvard Square, and at other locations. *See* **Shopping** section.

course — (1) Department major. (2) Subject (e.g. 2.30). **Note:** the Registrar's Office has declared (2) an invalid definition.

crash — (1) To sleep in a place where one has not paid rent, such as a friend's apartment. (2) To join a party without being invited. (3) To cease functioning, as in a computer system.

cretin — A fool.

crock — (1) Something that has been botched, e.g. "This is a crock." (2) Bucket, e.g. "This is a crock of shit."

crunch — (1) What happens at the end of the term. (2) Process mindlessly, as in number crunch.

dl — Dormline.

D-Labs — Draper Labs, formerly Instrumentation Labs. They work on inertial guidance, radar, etc. Now undergoing a **spin-off**.

DSA — Dean for Student Affairs (7-133,x3-6776).

DSR — Division of Sponsored Research. An administrative apparatus overseeing outside research grants and work at MIT. Now called OSP — Office of Sponsored Programs.

DYA — Domestic Year Away.

diagnostic — A test given to determine one's ability and knowledge in a certain course area, or something like that.

donut (doughnut) — Idiot, commonly used to describe MIT telephone operators.

dope — (1) Marijuana, rarely other drugs. (2) Trace impurity added to pure substance to alter properties. (3) Moron (obsolete).

Dormcon — Dormitory Council. The central dormitory governing and coordinating body.

Dormline — Ma Bell on campus.

down — (1) Feeling depressed. Said of a person. (2) Non-working, gronked. Said of a machine.

drop — De-register for a subject during the term.

EE — (1) Electrical Engineering, Course 6-1. (2) Environmental Engineering. (Caution: don't use outside of Civil Engineering and never in the presence of a devotee of (1).)

ERC — Education Research Center.

ESG — Experimental Study Group. An alternative freshman program located at 24-612. Prof. Robert Halfman (x3-7786) has more information.

ESP — Education Studies Program. *See* **HSSP**.

emeritus — Retired from regular service with honor. *See* **professor**.

Finboard — Finance Board. The undergraduate body charged with proposing and administering the Undergraduate Association budget.

flushed — (1) Turned down or out. Disappointed in some endeavor, usually involved in selling oneself. Example: "I got flushed at the mixer." (2) Get a reddish hue on one's face from heat, exertion or embarrassment. Example: "I got flushed at the mixer." (3) Disposed of. When said of a person, this connotes dismissal or expulsion. Example: "I got flushed at the mixer."

flame — To speak obnoxiously and/or at great length.

frappe — In New England, a snack made up of milk, syrup and ice cream. It's called a "milkshake" in the English-speaking world.

funny money — Funds for computer time.

G — Graduate

GA — General Assembly. Undergraduate governing, coordinating and information-distributing agency. Consists of the sum of living group representatives. Formerly impotent, recently revived.

GAMIT — Gays at MIT. Formerly Student Homophile League (SHL) (unrelated to this book).

GSC — Graduate Student Council. The governing body for graduate students as a group (50-110,x3-2195).

generate — Create, come up with.

glitch — Bug; cause of sporadic gronkedness.

gnurd — *See* **knurd**.

grease — The governing body of an organization.

Great Sail — What most people call the **Big Sail**.

gritch — *v.* To complain. *n.* Complaint. Not to be confused with glitch, which is the cause of a gritch.

Grogo — Mascot of *Technique*, the yearbook. A big ape.

gronked — Kaputt, non-functioning.

grungy — Grubby and dingy. What you feel like after studying 20 hours straight for a final in 85° heat.

HSSP — High School Studies Program. An educational program run by **ESP**, in which MIT students design and teach their own courses to high school students.

hack — *n.* A trick or prank. For example, welding a streetcar onto the tracks or getting elected UAP are fine hacks. *v.* (1) To goof off, talk randomly, just hang around. (2) To apply oneself, work hard, try earnestly. Example: a computer hacker. Also connotes fanaticism. (3) To harrass somebody, whether in fun or maliciously.

hacker — (1) One who hacks. (2) One who does a lot of some activity, e.g. pinball hacker.

gnurd — *See* **knurd**.

grease — The governing body of an organization.

Great Sail — What most people call the **Big Sail**.

gritch — *v.* To complain. *n.* Complaint. Not to be confused with glitch, which is the cause of a gritch.

Grogo — Mascot of *Technique*, the yearbook. A big ape.

gronked — Kaputt, non-functioning.

grungy — Grubby and dingy. What you feel like after studying 20 hours straight for a final in 85° heat.

HSSP — High School Studies Program. An educational program run by **ESP**, in which MIT students design and teach their own courses to high school students.

hack — *n.* A trick or prank. For example, welding a streetcar onto the tracks or getting elected UAP are fine hacks. *v.* (1) To goof off, talk randomly, just hang around. (2) To apply oneself, work hard, try earnestly. Example: a computer hacker. Also connotes fanaticism. (3) To harrass somebody, whether in fun or maliciously.

hacker — (1) One who hacks. (2) One who does a lot of some activity, e.g. pinball hacker.

Hahvahd — The big red-brick school, both Up The Street and UpChuck River.

Hahvahd Bridge — The MassAv bridge from MIT to Boston.

head — (1) Bathroom. (2) Someone who smokes Mexican tobacco.

HoJo — Howard Wesley Johnson, present chairman of the MIT Corporation and former president of MIT. Reputed to be distantly related to the late ice cream and motel magnate.

HoToGAMIT — This book, pronounced "how to gam it."

Hub — Boston.

humongous — Big.

Huntington Hall — Room 10-250.

IAP — Independent Activities Period. The month of January at MIT.

IFC — Interfraternity Conference. The central coordinating and governing body of the fraternities. Counterpart to **Dormcon**.

IHTFP — (1) I Hate This #©¶%¢@§ Place. (2)It's hard to fondle penguins.

IPC — Information Processing Board

infinite — More [noun] than you can [verb]. Examples: doughnuts-eat, problems-look at, cards-keep track of.

infinitely — Can be synonymous with exceedingly, really, quite. Example: "infinitely screwed up."

Institute — MIT.

Institute Professor — *See* **professor**.

instructor — (1) Man who stands in front of students and lets fall pearls of wisdom. (2) Academic rank in the lower echelons of the junior faculty.

Interphase — Summer pre-orientation program for educationally disadvantaged freshmen.

Intrex — Project group working on advanced methods of information storage and retrieval for computerized libraries of the future. The Barker Engineering Library is its laboratory.

intuitively obvious — (1) Too simpleminded to deserve explanation. (2) More often, too abstruse to explain, if indeed the speaker understands it at all.

JYA — Junior Year Abroad.

jock — (1) An athletic supporter. (2) An athletic supporter. (3) Anyone who does a lot of something.

Judcomm — Judicial Committee, a generic term signifying a group of students charged with enforcing student laws. Usually attached to a living group.

junk — (1) Garbage. (2) Desk accessories. (3) Narcotic garbage.

k — One thousand (of anything).

KK — Kosher Kitchen.

Killian Court — Great Court.

kiosk — (1) One of the large cylindrical bulletin boards located in halls around the Institute. (2) A newspaper stand located in the street, such as the one at Harvard Square.

kluge — Also spelled "kludge." (1) A Rube Goldberg-style device which appears unlikely to work, but does anyhow. (2) Something complex that doesn't work. Example: this definition.

knurd — (1) Undesirable person. Frequently connotes contempt. General insult noun, not necessarily unfriendly. (2) Drunk spelled backwards.

Kresge — The hump between the oval and the athletic field. Used for lectures, movies, concerts, conferences, and less frequently, skiing.

LSC — Lecture Series Committee. A student non-non-profit organization that puts on movies, lectures and other entertainment for the MIT community.

L-Lab — Lincoln Laboratory, a special laboratory located in Lexington. Its specialties include optics, radio physics, data systems, radar and re-entry systems.

Laboratory for Computer Science — Nee **Project MAC**. Interdepartmental facility devoted to research in the computer and information sciences (x3-6201).

lecturer — (1) One who lectures. (2) Low, low academic rank.

living group — The place where you live.

Logarhythms — Small male vocal group.

MBTA — Massachusetts Bay Transportation Authority. Operates the Boston area mass transit, not too horribly. Also known to many as the "T".

ME — Mechanical Engineering, Course II.

MIC — Military Industrial Complex.

MIT Community — Nearly 20,000 students, faculty, researchers, staff and employees at MIT. Sometimes used more expansively to include their families and alumni.

MITEA — MIT Ecology Action.

MITERS — MIT Electronic Research Society.

MITOC — MIT Outing Club.

MITSFS — MIT Science Fiction Society. Pronounced "mittsfiss," "mitt-siffs," or "misfits."

MITSGS — MIT Strategic Games Society.

MITV — MITelevision. Student videogroups; single multicamera production.

MRS — Model Rocket Society.

MTG — Musical Theatre Guild.

mariah — A long piece of laboratory rubber tubing filled with water; useful in water-fights. Also spelled "moriah."

Matrons, Technology — Service and social organization for wives of faculty and staff.

midnight requisition — What happened to the PDP8 found in a fraternity.

milkshake — Snack made with milk and syrup, but *no* ice cream. If you want a "milkshake," order a frappe.

Moat — The wet thing wrapped around the Chapel. A good place to throw obnoxious people.

Multics — Multiplexed Information and Computing System; a time-sharing computer system developed by Project MAC on the Honeywell 6180 computer. Reputed to be the world's slowest as well as largest time-sharing system.

mumble — A verbal expression to replace actual mumbling.

mung — *v.* To mangle, mutilate, mess up badly. *n.* Bean, usually sprouted, for salads.

n — A random number with various connotations. There are n ways to beat (or get screwed by) the system, as $n \rightarrow \infty$.

NRSA — Non-Resident Student Association.

nerd — *See* **knurd**.

non-optimal — (1) In need of improvement. (2) Horribly bad.

nontrivial — (1) Very difficult. (2) Impossible. *See* **trivial**.

nuke — *n.* (1) Nuclear power plant. (2) Nuclear weapon. *v.* Attack with a nuclear weapon. *e.g.* Nuke'em till they glow.

OFA — Office of Freshman Advising.

OR — Operations Research

OSP — Office of Sponsored Programs. Formerly DSR.

petition — *n.* A form used to request something unusual with regard to academics. Example: placing out of all of your upper-class requirements. *v.* To fill out a petition form, submit it to the proper authorities and satisfy other protocols associated with that kind of activity.

placement — The process of career counseling, graduate school counseling, and helping a student find a job (summer, temporary, or permanent). Often occurs at Placement Office

Postdoc — Postdoctoral fellow.

Postgrad — Graduate student.

powertool — *n.* An electrically operated tool. *v.* What one has to do to catch up on the entire term in any given course the night before the final exam in that course.

professor — (1) Person teaching a course. (2) Academic rank with three levels (assistant, associate, full) comprising the main body of the faculty. Most full professors have tenure. (3) Institute Professor: Academic post recognizing exceptional distinction. The Institute Professor can work as he wishes on research and teaching, without regard for formal boundaries or duties. (4) Professor Emeritus: Faculty member who has reached 70 (mandatory retirement age) but who is working (legally) at up to 50% of his former load.

provost — The senior academic officer, who assists the President of the Institute in addition to carrying on projects of his own. The current provost is Walter Rosenblith.

psych out — (1) Understand (usually a person). (2) Understand a person well enough to stay one jump ahead of him. (3) Cause opponent to choke (q.v.).

punt — To determine after analytical deliberation not to do something, said something often being academic in nature.

quantum mechanic — Someone who repairs quanta.

RA — Research Assistant. Usually a graduate student employed by his department, receiving pay plus a tuition allowance for his research duties. Funded by outside grants.

RLE — Research Laboratory of Electronics. Interdisciplinary lab in Building 38.

ROTC — Reserve Officer Training Corps. Military officer training program operating within MIT and some other colleges. Often pronounced "rotsie."

random — (1) Any. (2) Indeterminate, sometimes connoting number. (3) Without order, garbled. (4) Average person. (5) Student from Random Hall. Without a doubt a favorite word at MIT.

rip-off — (1) A theft. (2) Something so outrageously expensive as to be almost a theft. Example Tickets to Bruins' hockey games are a real rip-off.

SAA — Student Art Association.

SACC — (obsolete) Social Action Coordinating Committee.

SAS — Student Assistance Services.

SCA — Society for Creative Anachronism.

SCC — Student Center Committee.

SCEP — Student Committee on Educational Policy.

SEG — (CENSORED — smile and ask an upperclassman.)

SGS — Strategic Games Society.

SIPB — Student Information Processing Board. Pronounced "sip-bee."

Sala — Sala de Puerto Rico. Large all-purpose room in the Student Center donated by Puerto Rico.

screw — (1) Bad thing, such as the Institute Screw or "screwed to the wall." (2) What nuns don't do.

scrod — *n.* A baby codfish. *v.* Past tense of screw. "I got scrod by the Dining Service."

secretary — One who is paid starvation wages to run everything.

Shrink — Psychiatrist.

Smoot — Unit of measurement of the Harvard Bridge.

snow — *v.* (1) To impress someone, such as a date. (2) Favorably confuse with a profusion of detail. *n.* Brown, cold particles that cover sidewalks and gutters through Boston winters. Reputed to contain water.

Springfield Oval — The coarse humor that once passed for Institute toilet paper. 00 grit sandpaper on a roll.

Squanch — Resident of Third East; short fellow with picket sign and wilted flower.

Stud Center — Student Center.

subject — One or two professors, N students, a room, a formal curriculum, a formal subject number and a formal grade, except when it isn't.

TA — Teaching Assistant. Usually a grad student employed by his department, receiving pay plus a tuition allowance for teaching duties. Funded by the Institute.

TCA — Technology Community Association. Has an office on the fourth floor of the Student Center. Operates various MIT community-related projects such as the Red Cross Blood Drives, ticket service, used-book exchange, duplicating facilities and silk-screening facilities. Also sponsors *HoToGAMIT.* (W20-450,x3-4885).

TDM — Too Damned Much. Refers to tuition.

TFM — See **TDM**.

TMRC — Tech Model Railroad Club. Pronounced "tumurk."

TSD — Transportation Systems Division. (Part of Civil Engineering Department.

TWO — Technology Wives Organization. Service and social organization for wives of MIT students. Formerly Tech Dames.

Tech — *archaic.* MIT. Now called **The Institute**.

Tech Square — (1) Member of the MIT Square Dancing Club. (2) Group of buildings located northwest of MIT.

Tektite — Someone who enjoys jumping out of a plane, especially with a parachute. Member of the MIT skydiving club.

tonic — Soda, New England-style.

tool — *v.* To study. *n.* (1) One who studies to an extreme. Connotes over-concentration on problem sets. Supertool: an extreme extreme. (2) MIT student. Slightly derogatory.

toolbox — Student Center Library.

Transparent Horizons — East Campus scrapheap traditionally buried in snow each winter.

trash — To destroy or vandalize, especially during a riot.

trivial — (1) Obvious. Often said sarcastically. (2) Easy to do.

Tuition Riot — Traditional "spontaneous" demonstration held to celebrate a tuition increase.

turkey — (1) A chestnut-stuffed, giblet-jammed tom gobbler. (2) One lacking common sense.

'Tute — MIT.

U — Undergraduate.

UA — Undergraduate Association. Organization of all MIT undergraduates. Said to be still in existence (W20-401).

UA Elections — Spring demonstration of student apathy.

UAP — Undergraduate Association President. Presides over General Assembly plus other random duties.

UASO — Undergraduate Academic Support Office.

UCS — Union of Concerned Scientists.

UMOC — Ugliest Man On Campus, beauty contest run by APO. 1¢ per vote, all going to charity. Vote early! Vote often! Vote for your roommate!

UROP — Undergraduate Research Opportunity Program. A source of credit and dollars for many.

USL — Urban Systems Laboratory (E40) at Amherst and Wadsworth Streets.

urchin — Term, among others, for anyone (especially a high school kid) who hangs around and makes a pest of himself, frequently causing objects of value to sprout legs and walk away.

WC — (1) water closet. (2) New House (dormitory).

whoosh — *v.* To do something in an incompetent manner. *n.* (1) The act of doing something incompetently. (3) The person who is whooshing.

Women's League — Service and social organization for all MIT Women. Formerly Tech Matrons.

Appendix 2 — Miscellaneous

In this section are collected the small items which don't seem to fit in any other category. Subjects are arranged alphabetically.

Address Change

If you change your **home address**, notify the Registrar's Office (E19-335). Fill out a new address card at the Information Office (7-121,x3-7484).

When you change your **term address**, don't forget to notify the Information Office. It is also very useful to tell the Operator (dial 0).

Blood Drives

There are five Blood Drives at MIT each year: two 8-day drives, two 2-day drives, and a 1-day drive. The September, January and July drives are run on a walk-in basis only. For the other drives, appointments may be made; scheduling forms are available in the TCA office (W20-450) four weeks before each drive. Generally, the hours are 9:45am-3:30pm, but during the 8-day drives there are some evening hours.

All drives are run by TCA for the benefit of the Red Cross and the MIT community. Through these drives the MIT community gives proportionately more blood than any other group or institution in New England. As a result, all members of the community are covered by the Red Cross for any amount of blood (see **Blood Coverage** in the **Help** chapter). The big drives in the fall and spring are massive organizational efforts that require the help of many, and TCA always welcomes new volunteers. For further information call x3-7911 or x3-4885.

Buildings, Problems with

Physical Plant is responsible for all MIT buildings. If there is a problem, such as lack of light, heat, or water, call the Physical Plant Control Center (x3-4948=xF-IXIT) 24 hours a day.

Credit Union

The Credit Union is a federal corporation, not a part of the Institute. The Union is similar to a small savings and loan bank. All permanent employees on the MIT payroll are eligible to become members by buying one share in the Union. The amount of money one can borrow on one's signature is determined by length of employment. The Credit Union Office (E19-601,x3-2844) has more detailed information and an explanatory handout.

Employee Educational Benefits

Children of faculty and staff are eligible for full **scholarships** at MIT and scholarships of up to 50% of MIT tuition at accredited colleges. **Loans** are also available for children's college expenses. The Treasurer's Office (4-105,x3-2822) has details.

Regular Employees are eligible for **partial or total reimbursement** for educational costs connected with their careers at MIT. Contact Ellen Oglesby (E18-320,x3-4276) for details.

Experiments on Humans

If you are participating as a subject in an experiment, whether it's run by an MIT person or anyone else, you can contact the Committee on the Use of Humans as Experimental Subjects (56-511, x3-4718) to check whether it poses a hazard to either your physical or mental well-being. Any experiment conducted at MIT that might put the subject at risk — physically, psychologically, or otherwise — must be cleared with the Committee. Check with Dr. Point of the Medical Department (x3-7802) for details.

Family Services

The Institute maintains an Office of Social Work Services (12-128,x3-4911) as an adjunct to the Medical Department. It maintains a good list of available family services and is open for consultation and advice on all family matters.

ID Cards

ID cards may be picked up in the OFA (7-103) for freshmen and in the Cashier's Office (10-108) for upperclassmen about one month after photos are taken. In the meantime, use the temporary ID supplied on Registration Day. If you lose your card, the Cashier's Office will issue a new one for $5. Lost cards should be reported immediately to the Student Accounts Office (E19-215) and your bank, as they can be used to cash checks (the picture can be changed quite easily).

International Student Identity Cards can be obtained at the Foreign Study Office (5-104). They offer numerous discounts abroad on theatres, museums, lodgings, and intra-European airfares.

Department headquarters have ID cards for **employees**. They must be shown at the Medical Department, MIT libraries, and athletic facilities.

Lost and Found

Check the Student Center Office (W20-345,x3-3913) for items lost in the Center, Kresge, or the Chapel. Around dormitories, check the main desk. In any case, after two weeks everything is supposed to be sent to the master lost and found (W31,x3-2996). They hold valuables for at least four months, and other things (e.g. gloves, hats, shoes) for two months. Sets of keys are handled in the same manner as other things.

ALW's Laws of Search:

1. The best place to hide something is in plain sight.

2. When you finally find something, it will be in the last place you look. (Think about it.)

Marriage

1. Congratulations!

2. You can have the ceremony performed in the MIT Chapel, if you wish. Call Dean Holden's office at x3-7974.

3. Financial Aid usually will *not* increase any grants you are getting, nor will it give you one if you are not already receiving MIT support. Under normal circumstances, your husband/wife is expected to work to earn the equivalent of his/her suport. But by all means go to the Financial Aid Office and talk with the people there; maybe you are a special case. Some fellowships have increased stipends if you "acquire" dependents.

4. The Deans, social services staff and religious counselors are available to talk things over with you and can be very helpful on aspects of married student life.

The belief in a supernatural source of evil is unnecessary; men alone are quite capable of every wickedness.

— Dante

Missing Persons

If you can't find someone, call the DSA Office (x3-4861) or Campus Patrol (x3-2996), and the Senior Faculty Resident of your dorm, if you live in one. Be prepared to supply all the relevant information on the missing person. Don't call the person's home unless it's absolutely necessary. The Dean's Office will handle it.

Notaries Public

At MIT, you can have documents notarized (legally certified) by Mr. Giguere (E19-225) or Mr. Carey (10-180). Other people may occasionally serve as notaries; check with the Information Office (7-121,x3-4795) for a current list. Outside MIT, your bank should provide a notary public free of charge.

Postdoctoral Fellows

Depending on what aspect of MIT (s)he is dealing with, a postdoctoral fellow will be classified as student, faculty or staff. Normally this situation works to your advantage, but if you don't like it, a complaint can be made.

The availability of Student Health Insurance is useful, as is student status (non-candidate for a degree) for federal income tax returns. You can also claim student status in order to maintain out-of-town registration for a car (assuming the insurance company involved agrees). You must file with the local police for a student automobile tag (described elsewhere in this book, or ask Campus Patrol).

Faculty status is helpful in applying for an MIT library card. Relegation to the staff category occurs with regard to parking lot assignments, obtaining a Coop card, and purchasing an athletic card ($40).

There is no official identification card connecting a postdoctoral fellow with the In-

stitute. A letter of appointment from the President's Office, which should arrive a few weeks after you fill out forms with your department, is the most useful means of identification. If you need a temporary ID, the Registry of Guests (7-121,x3-2851) may give you one. Afterwards, your MIT library card should suffice.

Prejudice

If you feel mistreated in any way for reasons of racial, ethnic, or sexual bias, speak to the Deans (5-104,x3-4861). If you feel you have been the victim of discrimination in employment or other opportunities, take your complaint to the Equal Opportunity Committee (current chairman Albert Hill 3-305,x3-1648).

MIT has an Affirmative Action Plan presenting the Institute's objectives and procedures for ensuring equal opportunity for minorities and women in employment (both academic and otherwise), student body, and in letting contracts. Copies of this plan are on file in the Information Center (7-121,x3-4795), in the various Personnel Offices, in the Office of Minority Affairs (Clarence Williams, 10-211,x3-5446), in the Office Women and Work (Mary Rowe 10-215,x3-5921), and in the Office of the President and Chancellor (3-2084,x3-9661).

Massachusetts also maintains an agency to deal with cases of suspected discrimination, the Massachusetts Commission Against Discrimination (120TremontStBoston,-727-3990)

Recycling

Recyclable paper can be left daily in the corridor between Buildings 4 and 12. To facilitate pickup by Physical Plant, please bundle and neatly stack the papers. Loactions around Cambridge and Boston include 815NewtonStBrookline;22NUnion-StCambridge;and 27KembleStBoston.

School Cancellations

The decision to call off classes (due to snow or any other reason) is usually made around 6am and released to WHDH radio (850AM). Don't call the MIT switchboard because it will be swamped. Instead call 253-SNOW for a recorded message (SNOW = 7669).

Special Events

For information on planning concerts, dances, mixers and the like, contact the Undergraduate Association Office (W20-401,x3-2696), the Dean of Student Activities, (W20-345,x3-7974), or the Partyline (x3-3942).

Summer

Some people prefer not to go home for the months of June, July and August. For such people, the situation is far from hopeless. Most dormitories stay open, although summer residents will probably be consolidated to fill one floor or one entry. The rest of the space will be filled at times with alumni here for Alumni Weekend, with conventioneers or other vistors. The rent is comparable with the regular rent. All this is explained in a handout which is sent to the dormitories in the spring. Fraternities offer a better deal. Rather than have rooms standing empty, they will take in people for the summer at rents as low as $100. Apartments are sublet at reasonable rates too.

The job situation varies from year to year. A good idea is to get involved with a research project, which is fair money and good experience. See your favorite professors. Some term-time jobs can be continued over the summer — libraries, Walker or Lobdell dining service, the Coop, various lab and computer jobs.

Outside of MIT, the rules are the same as applying for a job anywhere. It pays to apply early. It pays double to know people. The Student Employment Office (5-119) files of job opportunities are the most complete for this area.

By and large, the Institute's rhythm changes very little when the students leave. It makes you wonder what they were ever there for. . .

Appendix 3 — MIT Songs

The Engineers' Drinking Song (Lady Godiva)

Words by many many people. Compose some yourself. Sung to the tune of "The Ramblin' Wreck From Georgia Tech" among others.

My father was a miner from the Northern Malamute,
My mother was a mistress in a house of ill repute.
The last time that I saw them these words rang in my ears,
"GO TO MIT YOU SON OF A B. AND JOIN THE ENGINEERS!!!"

chorus:
We are, we are, we are, we are, we are the engineers.
We can, we can, we can, we can demolish forty beers.
Drink rum, drink rum, drink rum all day and come along with us.
For we don't give a damn for any old man who don't give a damn for us!

Godiva was a lady who through Coventry did ride
To show the royal villagers her fair and pure white hide.
The most observant man of all, an engineer of course,
Was the only man who noticed that Godiva rode a horse.

chorus:

She said I've come a long, long way, and I shall go as far
With the man who takes me from this horse and leads me to a bar.
The man who took her from her steed and lead her to her beer
Was a bleary eyed surveyor and a drunken engineer.

chorus

Godiva was a lady well-endowed there was no doubt.
She never wore a stitch of clothes just wound her hair about.
The first man that made her was an engineer of course,
But on just one beer an artsie queer has made Godiva's horse.

chorus:

Rapunzel let her hair down for two suitors down below,
So one of them could grab a hold and give the old heave-ho.
The prince began to climb at once, but soon came out the worst,
For the Engineer rode the elevator and reached Rapunzel first.

chorus:

I am a whore from Radcliffe and I fuck for fifty cents.
I lay may ass upon the grass, my pants upon the fence,
I'll let you rub my belly, or on Sunday fuck for free,
But get off of me, you son of a B, if you're from MIT.

chorus:

Caesar set out for Egypt at the age of fifty three,
But Cleopatra's blood was warm, her heart was young and free.
And every night when Julius said goodnight at three o' clock,
There was a Roman engineer waiting just around the block!

chorus:

An engineer once staggered in through the Roderick Gate,
He was carrying a load you would expect to ship by freight.
The only thing that kept him upright and on his course,
Were the boundary conditions and the coreolis force.

chorus:

Ace Towing roams the streets of Cambridge each and every night,
They tow cars and stow cars and hide them out of sight;
They tried to tow Godiva's horse, the Engineers said "Hey!"
Then towed away their towing truck, and now the Ace must pay!

chorus:

The army and the navy went out to have some fun.
They went down to the taverns where the fiery liquors run.
But all they found were empties, for the engineers had come,
And traded all their HP's for gallon kegs of rum.

chorus

Venus was a statue made entirely of stone.
Without a stitch upon her, she was naked as a bone.
On seeing that she had no clothes, an engineer discoursed:
"Why the damn thing's only concrete, and should be reinforced!

chorus

An artsman and an Engineer once found a gallon can,
Said the artsman "Match me drink for drink, let's see if you're a man."
They drank three drinks, the artsman falls, his face was turning green,
But the Engineer drank on and said "It's only gasoline."

chorus:

Princeton's run by Wellesley, Wellesley's run by Yale
Yale is run by Vassar, and Vassar's run by tail
Harvard's run by stiff pricks, the kind you raise by hand.
But MIT's run by engineers, the finest in the land.

chorus

If we should find a Harvard man within our sacred walls,
We'd take him up to physics lab and amputate his balls.
And if he hollers Uncle, I'll tell you what we'll do:
We'll stuff his ass with broken glass and seal it up with glue.

chorus

Sir Francis Drake and all his ships set out for Calais Bay.
They'd heard the Spanish rum fleet was headed on their way.
But the engineers had beat them by a night and half a day
And though as drunk as ptarmigans, you still could hear them say:

chorus

A maiden and an engineer were sitting in the park.
The engineer was working on some research after dark.
His scientific method was a marvel to observe —
While his right hand wrote the figures, his left hand traced the curves.

chorus

MIT was MIT when Harvard was a pup.
And MIT will be MIT when Harvard's time is up.
And any Harvard SOB who thinks he's in our class
Can pucker up his rosy lips and kiss the beaver's ass.

The Tool

Tune of: *Stewball* (Peter, Paul & Mary)

Oh, I am a young man
My brain, it is gold
But of good and evil
I've never been told.

I came to MIT
One fine autumn day
To learn how my noggin
Could be made to pay.

I tooled hard for four years
Nerded night and day

When GE heard of me
They offered 20K.

I'm a corporate fascist
Yes, corporate tool
Maim women and children
Take from all I can fool.

With gadgets and gizmos
Ratchets that break down
They pay me their money
To be a corporate clown.

My mind is so fertile
That I will get by
Even if you all
Have got to die.

MIT, What a Pity

When I was just a lad of ten,
my father said to me:
If you want to be a man, you'll go to MIT.
So study math and physics, son,
my father said, said he,
And you'll be rich and famous
after you get your degree.
Chorus: *MIT, what a pity,*
but the salary so sweet,
and that old Tech tuition
is impossible to meet.

When I came to MIT, I did just what was right.
I went straight to the SIPB room and
programmed through the night.
Spyou get your deame to MIT, I did just what was right.
I went straight to the SIPB room and
programmed through the night.
Space War games and Dazzle Dart,
chess on CRT;
I knew EE and course 6-3 were
the only way for me.

Chorus

One stormy grey and dark midnight, up at IPC,
as I sat at my terminal,
this message came to me:
"I like the way you program, boy,
come over and visit me."
And it was signed seductively,
"the girl at terminal three."

Chorus.

We spent that weekend playing games,
up at IPC.
With high I/O and CPU, we bankrupted SIPB.
The system crashed and all went black;
she whispered soft to me:
"Come over to McCormick,
and we'll program my HP."

Final chorus:
MIT, what a pity,
but the salary so sweet,
and the food at Tech commons
is impossible to eat.

Hail to MIT

(To the tune of "Alma Mater")
There beside the Charles River Basin,
lies an awesome sight
Midst the factory whistles
blowing far into the night.
There it squats its great dome rising
like an ugly head.
Viscious grin across it sweeping,
wishing you were dead.
Toothlike pillars neatly standing,
bared beneath the sun.
Crablike pincers cruelly formed
by buildings two and one.
In its halls the unwashed student
cringes from the light,
As if he were a streptococcus
pursued by leukocytes.
Lab instructors, finals proctors,
rub their hands with glee,
Cackle gaily to each other
from screwing you and me.
At its rear like fecal matters,
sits Necco's seething vat,
Adding chocolate's pungent odor
to that rancid fat.
Gather round all Tech tool brothers,
from every ethnic root
Lift your voice in joyous chorus,
@#∞¶ the Institute!

Take Me Back To Tech

Tune: "Solomon Levi"

Words by I.W. Litchfield '85

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.
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.

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 the chapel and all that; 8
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 sign
In those happy days of ours.

Ye Sons of MIT

Arise ye sons of MIT, in loyal brotherhood.
The future beckons onto 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 MIT

Once more they sons, oh MIT, 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 MIT.

Oh loyal sons of MIT, 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 MIT

The Ballad of 5.60

Free energy and entropy were whirling
in his brain,
With partial differentials and greek let-
ters in their train.
With delta, sigma, gamma, theta, ep-
silon, and pi
Were driving him distracted as they
danced before his eye.

Chorus:
Glory, glory dear old thermo
Glory, glory dear old thermo
Glory, glory dear old thermo,
We'll pass you by and by.

Heat Content and fugacity revolved
within his brain
Like molecules and atoms that you
never have to name.
And logarithmic functions doing
cakewalks in his dreams,
And partial molar quantities devouring
chocolate creams.

chorus

They asked him on the final if a mole of
any gas
In a vessel with a membrane through
which Hydrogen could pass
Were compressed to half its volume
what the entropy would be
If two-thirds delta-sigma equalled half
of delta-P.

chorus

He said he guessed the entropy would
have to equal four
Unless the second law should bring it
up a couple more
But then, it might be seven if the Carnot
law applied,
Or it might be almost zero if the delta-T
should slide.

chorus

The professor read his paper with a cor-
rugated brow,
For he knew he'd have to grade it and
he didn't know quite how.
'Till an inspiration in his cerebellum
suddenly smote,
And he seized his trusty fountain pen
and this is what he wrote:

Just as you guessed the entropy, I'll
have to guess your grade,
But the second law won't raise it to the
mark you might have made.
For it might have been 100 if your
guesses all were good,
But I think it must be zero 'till they're
rightly understood.

Final chorus:
Glory, glory dear old thermo
Glory, glory dear old thermo
Glory, glory dear old thermo
We'll try again next term.

Appendix 4 — Local Colleges

Colleges Around Boston

There are more than a quarter million students in the Boston area, 100,000 male and 150,000 female. The following list provides terse coverage of local schools. Wellesley has a special relationship with MIT, and is discussed in greater detail at the end of this section.

Amherst College — (1216 undergraduate men, 94 undergraduate women) Located in the famous Amherst Valley, Amherst College is known for its fine academic programs, mostly in the liberal arts. 95% of students live on campus. ((413) 524-2250)

Boston College — (13,000 total, 4500 undergraduate women) Located at Chestnut Hill near Newton, Boston College is a large normally Catholic university and 24% of the undergraduates live on campus. (969-0100).

Boston State College — (4800 male, 5500 female total, 2675 undergraduate women) A state teachers' college with no residence facilities. (625HuntingtonAvBoston,731-3300).

Boston University — (12,300 men, 12,300 women) Boston University's campus extends along the Back Bay, across the Charles River from MIT. It offers courses, both graduate and undergraduate, in all fields, and draws students from across the nation and around the world. It is a private institution with Methodist ancestry. 50% of the students live on campus, and most of the rest are scattered through Boston, Brookline and Cambridge. A cross-registration program exists between BU and MIT. Most social activities are closed to outsiders, but resourcefulness might pay off (353-2000).

Brandeis University — (3500 total, 1300 undergraduate men, 1450 undergraduate women) Brandeis is located in Waltham and offers both graduate and undergraduate liberal arts courses. 75% of the students live on campus and most of the rest live either in Waltham or Cambridge. Brandeis has a very large Jewish student population (894-6000). It is found at the end of the number 70 Bus line from Central Square.

Emerson College — (1600 total, 660 undergraduate men, 950 undergraduate women) Emerson College is located on Beacon Street between Arlington and Clarendon Streets. It is a specialized, private school concentrating in communication (speech, drama, mass communication, education). Freshmen and sophomores (45% of the student body) live on campus (262-2010).

Emmanuel College — (652 undergraduate women, 4 undergraduate men) Emmanuel

is a Catholic liberal arts college. 60% of the students live on campus (400theFenwayBoston,277-9340).

Harvard University — (21,000 total; 4500 undergraduate men, 1850 undergraduate women) Probably the most renowned university in Harvard Square, Harvard offers graduate and undergraduate education in virtually every field. The student body comes from all over the world. **Radcliffe College** is the women's division of Harvard, sharing all classes, dorms, and activities. Harvard is located 2 miles up Mass Av from MIT, and most students live on or near the campus. Harvard has a cross-registration program, and a joint Biomedical Engineering graduate program with MIT. (MassAvCambridge,495-1000). (Or use the tieline, dial 186-5-xxxx from an extension or 2-186-x-xxxx from a dormline. The information number is 186-x-5000.)

Jackson College — See Tufts University.

Lesley College — (730 undergraduate, 800 graduate women) Lesley is a private teachers' college located right behind Harvard Law School. Eighty per cent of the women live on campus. Lesley and Harvard have a cross-registration program (29EverettStCambridge,868-9600)

Massachusetts Institute of Technology — (8100 total; 3500 male, 650 female undergraduates; 3400 male, 500 female graduates) A small technical school, located in Cambridge along the banks of the Charles River. Graduate and undergraduate education polarized around science and technology. Said to have the largest percentage of foreign students (18%) in the country. (77MassAvCambridge,253-1000).

Northeastern University — (40,000 total) The largest coeducational private university in the country. Northeastern offers the usual range of courses. More than half of the students commute each day. 46% of students live on campus (360HuntingtonAvBoston,437-2000).

Simmons College — (1450 undergraduate, 850 graduate women) Simmons is a compromise between a liberal arts and professional school, and specializes in the sciences. Eighty per cent of the undergraduates live on campus. The school is convenient to Kenmore Square and the Gardner and Fine Arts museums. (300theFenwayBoston,738-2000).

Smith College — (18 men, 2589 undergraduate women) Liberal arts specialization. Located in Amherst Valley. 95% of students live on campus, but known for outgoing student body ((413) 584-2700).

Tufts University — (6500 total; 1950 undergraduate men, 1650 undergraduate women) Tufts University is located on Walnut Hill in Medford and maintains medical and dental schools on Harrison Av in Boston. It is a private institution offering the usual range of curricula. Ninety-two percent of the undergraduates live on campus. **Jackson College**, the women's coordinate of Tufts, has the same relationship with Tufts as does Radcliffe with Harvard, including coed housing. MIT has a cross-registration with Tufts, which can be reached by Bus from Harvard Sq or Lechmere (628-5000).

HARVARD UNIVERSITY

University of Massachusetts, Boston Campus — (3400 undergraduate men, 3400 undergraduate women) This state college offers a liberal arts undergraduate program. No residential facilities. (ColumbiaPtBoston,288-0924).

"Contrariwise," continued tweedledee
"If it was so, it might be; and if it
were so, it would be; but as it
isn't, it ain't. That's logic."

— Lewis Carroll

Wellesley College — See section on **Wellesley**, below

The following schools, listed with their information numbers, are also nearby and may be of interest:

Babson College, Wellesley (235-1200). 993 Men, 210 Women, 60% on campus.
Bentley College, Waltham (891-2000). 2124 M, 436 W, 45% on campus.
Berklee College of Music, Boston (266-3532). 2039 M, 197 W, 575 in dorms.
Boston Architectural Center, Boston (536-3170)
Boston Conservatory of Music, Boston (536-6340). 202 M, 310 W, 32% on campus.
Burdett School, Boston (267-7435)
Chamberlayne Junior College, Boston (536-4500)
Chandler School, Boston (262-2710)
Curry College, Milton (333-0500). 550 M, 300 W, dorms for 1000 students!
Deaconness School of Nursing, Boston (734-7000)
Eastern Nazarene College, Boston (773-6350) 425 M, 425 W, no partying!
Fisher Junior College, Boston (262-3240). Advertises in 'T' stations.
Garland Junior College, Boston (266-7585)
Grahm Junior College, Boston (536-2050)
Katherine Gibbs School, Boston (262-2250)
Lasell Junior College for Women, Newton (243-2000)
Massachusetts College of Art, Boston (731-2340. 387 M, 660 W.
Massachusetts College of Pharmacy, Boston (734-6540)
Mount Holyoke College, Amherst Valley (413-528-2000). 1850 W.
Mt. Ida Junior College for Women, Newton (969-7000)
New England Conservatory of Music, Boston (262-1120)
Pine Manor Junior College, Chestnut Hill (731-7000)
Regis College, Weston (893-1820). 670 W.
Salem State College, Salem (745-0556) 1975 undergraduate M, 2800 undergraduate W.
Stone Hill College (238-2052)
Suffolk University, Boston (723-4700)
Wentworth Institute, Roxbury (442-9010)
Wheelock College, Boston (734-5200)

Wellesley

The Wellesley campus is fifteen miles away from MIT, and after doing time by the Charles, it's quite a change to see grass, trees, hills, a lake and the silence that comes from having much space between you and the nearest car (the silence is *not* seen).

Wellesley College Campus
Penn Central
Entrance
Cazenove
Pomeroy
Central Street
Hathaway House Bookshop
Cedar Street
135
Weston Terrace
Faculty Houses
Child Study Center
Fiske
Hunnewell Arboretum
Whitin Observatory
Sage
Alexandra Botanic Garden
Paramecium Pond
Science Center
Greenhouses
Parking
Gray House
Simpson Infirmary
McAfee
Bates
Freeman
Orchard
Dower
Parking
College Road
Homestead
Entrance
Golf Course
Golf House
to Faculty
Severe
Wellesley College Club
Oakwoods
Davis
Stone
Houghton Chapel
Parking
Tennis Courts
Schneider College Center
Billings
Founders
Green Hall
Academic Quad
Pendleton
Munger
Shafer
Beebe
Jewett Arts Center
Library
Harambee House
ZΔ
ΔE
TZE
Tupelo Point
Lake Waban
Sister International Center
Acorns
Longfellow Pond
Severance
Shakespeare
Court
Tower
Crawford House
Claflin
Lake House
Maintenance Buildings
Parking
Amphitheatre
Alumnae Hall
Recreation Building
Parking
President's House

There are other attractions as well.

Wellesley has an official tie with MIT in the MIT-Wellesley cross-registration program. There are other opportunities for getting involved in Wellesley activities, but you have to be enterprising; they aren't well-publicized.

Over IAP there is an MIT-Wellesley residence exchange, with MIT people going ot live at Wellesley for a term and Wellesley people coming here. Check the exchange office for information.

Getting There

Though located 15 miles out of town, Wellesley is not hard to reach. A free bus service is part of the cross-registration program, running approximately hourly on weekdays only. The bus schedule is available in the cross-registration office (7-108,x3-1668). It is supplemented on weekends by the Wellesley student government bus, which costs $1.00 a ride. A schedule and tickets can be obtained at the Schneider Center at Wellesley and at the East Campus, Baker, and MacGregor desks. If you have to resort to public transportation, the usual way is to take the MBTA Green Line to Woodland, then the MBTA Framingham bus.

Lake Waban

In late spring there is swimming in the lake under supervision of a lifeguard (at the little beach near the boathouse). No swimming is allowed when the lifeguard is not on duty. Talk to Dave Martin (MITx187-548) at the Wellesley boathouse about using sailing, rowing and canoeing facilities. A Wellesley Small Craft Permit, MIT sailing card, or its equivalent is a prerequisite.

Green Growing Things

The Hunnewell Arboretum is a natural bowl in the northeast corner of the campus, graced by flowering trees and shrubs. At the bottom of the hollow is a small pond.

The nearby Alexandra Botanical Garden consists of a bunch of grass with a stream running through it, some labeled trees and shrubs, lots of flowers and Paramecium Pond.

The greenhouses which connect to Sage Hall are divided into rooms in which different climates are simulated. Plants accustomed to each climate may be found therein, ranging from tomatoes to coconut palms (plus some man-eating orchids). For info about accessibility call the Biological Science Office (x187-463).

Whitin Observatory

The observatory is equipped with 6", 12", and 24" telescopes, as well as an astronomy library. People should check with the observatory (x187-324) for the use of the facilities.

Jewett Arts Center

Jewett houses the Art and Music departments. Within the Art Building are studios, study rooms and the art library. The second floor holds a sculpture court. The Music Building contains practice and listening rooms, the music library and the auditorium. Connecting the two halves of Jewett is the Wellesley College Museum. Admission is

free and the exhibits are changed every few months. For information, call the Art Office (x187-307).

Music

For those interested in vocal music, there are several possible opportunities for MIT women. The Wellesley College Choir and the more selective Madrigal Group are potentially open to women who want to take some initiative in opening up channels. There are at least two other singing groups at Wellesley, namely the Tupelos and the Wellesley Widows; both groups sing various kinds of music and give a variety of performances. The Music Office (x187-401) is the place to call for information. They can tell you who to get in touch with if you are interested in trying out for any of the groups mentioned above.

Black women who are interested in singing might investigate Wellesley's Ethos Choir. Contact the Black Students' Association in Harambee House (x187-709).

If you are interested in chamber music, call x187-401 for information about Wellesley's Chamber Music Society.

Theater

For information about the Wellesley College Theater, call Mr. Barstow at x187-461.

Radio

WBS (640AM) is Wellesley's radio station. It is located on the second floor of Alumnae Hall (x187-303). Those interested in broadcasting or working there should call the station for details.

El Table

Wellesley's Campus Exchange, better known as the El Table is a place to go for a quick snack. It is also where most Wellesley activities are advertised, including rides to and from. Find it in the basement of Green Hall.

Schneider

One of the oldest and ugliest buildings on Wellesley's campus, the former Billings Hall, has been completely renovated and now houses the Schneider College Center. It is the terminal for the Wellesley-MIT Exchange buses and contains study areas, an MIT lounge, meeting rooms, the Bus Office and "Committee X" (a small coffee house). It also holds the Well (a snack bar) and various student organizations. Near Schneider is Harambee House, a social and cultural center for Black students. For information about the Harambee House, call Miss Tyler x187-709).

General Information

For information about most anything at Wellesley, including students' telephone numbers and information on student sponsored activities and events, call the Schneider information desk (x187-704), which is staffed by students. You can also call the Information Bureau (second floor of Green Hall, x187-241), open Mon-Fri 9-4:30.

Appendix 5 — MIT History

I doubt not that such a nucleus-school would, with the growth of this active and knowledge seeking community, finally expand into a great institution comprehending the whole field of physical science and the arts with the auxiliary branches of mathematics and modern languages . . .

— William Barton Rogers, 1846

In 1835 William Barton Rogers, was elected to the professorship of Natural Philosophy at the University of Virginia, a chair founded by Thomas Jefferson only ten years before. Rodgers, a graduate of William and Mary College, was intensely involved in the emerging science of geology, although he had an enduring interest in all scientific subjects.

During Rogers' eighteen years at the University of Virginia, he became increasingly troubled by sporadic support from the state, bigotry, and anti-intellectualism. In 1845, Rogers, then chairman of the Faculty, was shaken by severe rioting and a decision to close the school for a week.

He had gone on a geological expedition to New England, as well as to meetings in Boston of the Association of American Geologists and Naturalists (later the American Association for the Advancement of Science). He wrote of the "contrast between the region in which I live and the highly cultivated nature and society of glorious New England." Dr. Rogers felt that in the advanced intellectual and industrial climate of Boston a new type of education could be fostered. He left Virginia in 1853 to move here. His dreams finally achieved substance when, on April 10, 1861, the governor of the Commonwealth of Massachusetts signed the act to incorporate the Massachusetts Institute of Technology. Four days later Fort Sumter was attacked (the two events were probably not related). Although the Civil War impeded Rogers' plan, construction of MIT's first building began in 1863, in a landfill area of the Back Bay, in the estuary of the Charles River.

On February 20, 1865, the first class of fifteen students finally entered. President Rogers taught Physics, as part of a six-man faculty. These first years proved a tribulation on Rogers' health, and in 1868 he had a slight stroke. John D. Runkle was appointed Acting President, and in 1870, upon Dr. Rogers' resignation, succeeded him. Runkle's presidency saw the gradual development of MIT into "Boston Tech". Fiscal problems still plagued the struggling Institute however, and at one time MIT came perilously close to becoming part of Harvard. Harvard's President Eliot developed a plan to merge the two schools, which was resisted by Runkle and the MIT Corporation. Problems with money continued, however, and in 1873 tuition was doubled (to $200!). President Runkle resigned in 1878, and taught mathematics until 1902.

Following John Runkle, Brigadier General Francis A. Walker became president in 1881. In 1882 , he asked William Rogers, then rather old and frail, to award diplomas at the May graduation exercises. Dr. Rogers' health was still poor, and this final tax on his strength proved too much; he collapsed on the podium and died.

MIT continued to grow during the latter part of the nineteenth century, and by 1900 there were 1277 students entered at the Institute. In 1906 it became apparent that MIT was fast outgrowing its Copley Square lodgings, despite the addition of several new buildings. A site committee was formed to search for "Technology's new home." Plans ranged from a golf course in Allston to building an island in the Charles River, until the current site in Cambridge was settled upon. Excavations for the buildings began in September 1913, and the first of 25,000 piles were driven into Cambridge soil on December fourth of that year.

A neo-classical motif was chosen by designer William Welles Bosworth '89 who could hardly contain himself with his plans for "a great white city of majestic proportions that will fitly express the noble ideas of its purpose and the dignity of its work." The central feature of the new complex was to become the great dome, towering 147 feet above street level. Five thousand tons of steel and fifty thousand cubic yards of concrete later, the new Technology was complete.

During its first 60 years, MIT's curriculum was based almost exclusively on architecture and engineering. In 1930 President Karl T. Compton undertook to strengthen the position of science at MIT and to encourage the growth of the graduate school. During the next decade there was a steady increase in both graduate work and research. World War II brought a rapid expansion of research programs and the establishement of the Radiation Laboratory, a major center for the American development of radar. In the national interest the Institute assumed management of major research enterprises such as the Instrumentation Laboratory during the war. These programs fostered a close working cooperation between the Government and the Institute, showing the way for the development of such facilities as the Research Laboratory of Electronics and the Laboratory for Nuclear Science.

When the war ended, MIT continued to hold a central position in education and research pertinent to the fastest-growing areas of the American economy. To its traditional curricula in architecture, engineering and science, the Institute has since added programs in management, economics, political science, psychology, industrial relations and linguistics. Its four-year humanities program for engineering undergraduates is unusual in engineering education, and its four-year double major in the humanities and science or engineering is unique among American universities. MIT's research programs in the social sciences include the Center for International Studies, and there is close cooperation with Harvard University in the operation of the Joint Center for Urban Studies.

Shortly after World War II student enrollment at MIT reached 5000 and since then has continued to increase. Today the MIT campus covers more than 128 acres extending for more than a mile along the Charles River. It is a community of more than 16,000 people, including more than 7500 students, 1000 faculty members and full-time teaching staff, 2000 members of the professional research and administrative staff and

5000 supervisory, clerical, technical and service employees.

The Institute's departments operate more than 70 laboratories on the campus, among them a growing number of interdepartmental laboratories where students and staff from different fields work on problems of mutual interest. The Lincoln Laboratory in Lexington is operated for the Government as a center for defense-related research in electronics and communications. The C. Stark Draper Laboratory in Cambridge is devoted to the development of flight control and navigation equipment; the nearby Bitter National Magnet Laboratory provides the world's strongest continuous magnetic fields for research on magnetism and basic properties of materials.

MIT was among the first universities to establish programs of study in applied physics, meteorology, food technology, naval architecture and marine engineering, and electrical, aeronautical and sanitary engineering. The Institute was a leader in developing the modern profession of chemical engineering, and the nation's first degree in architecture was given here.

Books on the History of MIT

M.I.T. in Perspective, by Francis E. Wylie. Little, Brown & Co., Boston, 1975. A glossy coffee-table account of the accomplishments of MIT and its progeny; not comprehensive, but interesting, with lots of pretty pictures.

The Life and Letters of William Barton Rogers is a book in two volumes edited by his wife with the assistance of William T. Sedgwick. Houghton-Mifflin Company, Boston and New York, 1896. The definitive biography of MIT's founder.

Richard Cockburn MacLaurin, by Henry Greenleaf Pearson, is a biography of MIT's sixth president. MacMillan Company, New York, 1937.

Technology's War Record is an interpretation of the contribution made by MIT, its staff, former students and undergraduates to the cause of the Allies in World War I. Published by the War Records Committee of the MIT Alumni Association, 1920.

Q.E.D.:MIT in World War II, by John E. Burchard. The Technology Press, 1948.

Mid-Century: The Social Implications of Scientific Progress, by John E. Burchard. The Technology Press and John Wiley & Sons, Inc., New York, 1950. A verbatim account of MIT's great Mid-Century Convocation, March 31 and April 1-2, 1949.

When MIT Was Boston Tech, by C. Samuel Prescott. The Technology Press, Cambridge, 1954. A history of MIT from its founding in 1861 through its move to Cambridge in 1916.

Scientists Against Time, by James Phinney Baxter III. MIT Press, 1968. An account of the scientific developments of World War II, with a large section on the activities of the Radiation Labs (now the D-Labs).

The error of youth is to believe that intelligence is a substitute for experience, while the error of age is to believe that experience is a substitute for intelligence.

— Lyman Bryson

Appendix 6 — MIT Publications

List of MIT Publications

Educational Programs and Instruction

The *General Catalogue Issue* of the *MIT Bulletin*, published annually about September 1. Contains descriptive material about the Institute, about undergraduate and graduate educational opportunities, and about departmental and interdepartmental activities. Intended for prospective students and others wanting information about MIT. From the Information Center (7-121).

The *Courses and Degree Programs Issue* of the *MIT Bulletin,* published annually about August 1. Contains information on general Institute requirements, general requirements for graduate degrees, interdisciplinary study and research, departmental programs and requirements, and descriptions of subjects. Intended for use by faculty and students at MIT. From the Information Center (7-121).

The *Summer Session Catalogue Issue* of the *MIT Bulletin,* published annually in February. Complete information concerning academic activities during the Summer Session. From the Information Center (7-121).

The *Guide to IAP Activities.* This catalogue of activities taking place during the January Independent Activities Period is published twice each year. The first or preliminary issue appears just before Thanksgiving, and the final guide is issued just before Christmas. Copies are distributed in the lobbies of major campus buildings and can be obtained from the Information Center (7-121).

The *Undergraduate Research Opportunities Program Directory* contains information for undergraduate students for participating with MIT faculty members in a wide range of research and project activities both on and off campus. From the Information Center and the UROP Office. (7-121,20B-141).

Undergraduate Seminar Program. A booklet published every spring term describing seminars being offered. Fall term seminars are described in the *Freshman Handbook.* From the Undergraduate Seminar Office (7-105).

MIT Today, an interpretive description of the Institute planned especially for prospective undergraduate students. From the Admissions Office. (3-108)

The *Freshman Handbook,* detailed descriptions of first-year subjects, including seminars, and of registration and counseling procedures for members of the freshman class. It includes information about residence, athletic and extra-curricular activities. From the Freshman Advisory Council (7-103).

The *Freshman Picturebook* contains pictures of the freshman class. From the Technology Community Association (W20-450).

Rules and Regulations of the Faculty is the official statement of the organization and operation of the faculty, its rules and regulations. Published by the Registrar's Office. Available from the Information Office (7-121).

Class Schedules and *Typical Course Schedules,* published prior to each term. From the Registrar's Office (E19-335).

The *Guide for Undergraduates and Faculty Counselors.* This booklet, published by the Committee on Academic Performance every year, is intended to be a summary of information concerning the grading system, Institute requirements, various registration procedures, and other administrative aspects of MIT, including detailed information concerning policies and procedures followed by the CAP. From the Information Center and the CAP Office (7-121,10-191).

The *Graduate School Manual,* the definitive statement of the organization, policies, and procedures applicable to graduate instruction. From the Dean of the Graduate School (3-136)

The *Degrees Awarded* publication contains names of persons receiving various degrees awarded by MIT. Published every September, Feburary, and June. From the Registrar's Office (E19-335).

The *Wellesley-MIT Exchange: Guide for MIT Students,* summarizing procedures for participating in the program on the Wellesley campus, published in December and April of each year. From the Information Center (7-121).

MIT Press Catalog, plus several supplements, lists and describes the books published each year. From the MIT Press (E32,x3-7297).

Publications and Theses lists all professional publications, books and reviews by the staff, as well as laboratory, technical reports and theses for masters', doctors' and engineers' degrees. It is cross-referenced according to subject and author, and is a good place to look for an interesting project idea. Issued by the Publications Office, and available at the Information Office (7-121).

Annual Reports

The *Report of the President and the Chancellor,* to the MIT Corporation, first published 1871-72, published annually in *Tech Talk* about November 1. A larger edition, including the reports of the deans, department heads, vice presidents, and heads of major laboratories, is published later in the month. From the Information Center (7-121).

The *Report of the Treasurer* to the MIT Corporation, published annually in October. A report of operations, gifts, plant facilities, and investments for the preceding fiscal year. From the Comptroller's Accounting Office (E19-572).

Benefit Plans and Personnel Policies

The *Benefits Program for Faculty and Staff,* a summary of insurance, health services,

retirement plans, and other staff benefit programs. From the Benefits Section of the Office of Personnel Relations (E19-291).

Major Medical Insurance, details of the major medical expense coverage. From the Benefits Section of the Office of Personnel Relations (E19-291).

The *Children's Scholarship Plan,* a leaflet describing the assistance available to members of the faculty and staff with children in college. From the Benefits Section of the Office of Personnel Relations (E19-291).

Administrative Policies

Purchasing Policy and Procedures, a brief handbook on purchasing regulations. From the Director of Purchasing (E18-360).

Catalogue of Laboratory Supplies and *Electronic Stockroom Catalogue,* price lists of supplies and equipment regularly stocked by the Office of Laboratory Supplies. From the Office of Laboratory Supplies (4-364).

Catalogue of Office Supplies and Furniture, price list of supplies regularly stocked by etty Cash Policy, instructions for supervisors who wish to maintain a petty cash account. From the Comptroller (E19-572).

Accident Prevention Guide, a handbook on safe procedures for handling chemicals, machinery, and other materials. From the Safety Engineer (E19-207).

Guide for the Preparation and Submission of Research Proposals, a guide prepared by the Office of Sponsored Research to assist faculty members in the preparation of proposals for externally sponsored research programs and to facilitate the administrative review and transmittal of such proposals. From the Office of Sponsored Programs (E19-702).

Guide to MIT's Administrative Offices, a guide to office procedures at the Institute. From the Office of Personnel Development (E18-320).

Travel Expense Policies, policies and procedures covering reimbursement of travel expenses incurred in the performance of Institute business. From the Comptroller (E19-572).

Directories

These directories are intended for authorized use by Institute personnel only. They should not be made available for advertising, placement, or other commercial use.

Institute Telephone Directory, office and home telephones and addresses, published in the late fall. From the Telecommunications Office and the Mail Room (E19-741).

The *Student Directory,* term addresses and telephones, home addresses, and class and 2The *Directory of Foreign Students* from the Information Center (7-121).

The *Directory of Foreign Staff,* published in November. From the Registry of Guests (7-121).

The *Alumni Register,* a complete roster of all former students, published periodically. From the Alumni Association (E19-439).

Periodical Publications

Tech Talk is published every Wednesday by the Public Relations Office (5-111,x3-2701). This is the MIT community newspaper, directed at students, faculty, staff and visitors. It has absorbed the Institute Calendar, which lists up-coming events.

Technology Review is published monthly except July, September and November by the Alumni Association. It carries articles on social issues and contemporary technology, in addition to news about alumni and MIT.

Reports on Research is published nine times a year through the MIT News Office and contains (strangely enough) brief descriptions of a few current research projects. Often published as part of *Tech Talk.*

Guides

A Walk Around MIT, a map, guide, and digest of general information about MIT. From the Information Center (7-121).

The *Guide to the MIT Libraries,* a description of library facilities and how to use them. From the Director of Libraries (14S-200).

The *Guide for the Handicapped,* a map, guide, and digest of general information about MIT especially for the physically handicapped. Provided by the Planning Office and distributed by the Information Office (7-121).

The *MIT Tactual Map,* a map of the MIT campus for the non-sighted, including a braille directory and an audio cassette describing the map's use. From the Planning Office (E19-451).

You and MIT, a handbook of general information for new employees in the hourly and biweekly categories, from the Office of Personnel Relations (E19-291).

Student Life and Activities

HoToGAMIT (How To Get Around MIT) is useful to all new members of the Institute community. It provides an comprehensive introduction to the Boston area, as well as student life at the Institute. From the Technology Community Association (W20-450) for a nominal fee.

Undergraduate Residence at MIT has material on undergraduate living groups (prepared by the living groups themselves). It is published annually by the Freshman Advisory Council (7-103) and mailed out to incoming freshmen.

Graduate Residence, describing residence facilities available to graduate students, published annually in the spring. From the Dean for Student Affairs (7-133).

Cross Index to MIT Publications

Administration — *Guide to MIT's Administrative Offices*
Guide for Undergraduates and Faculty Counselors

Alumni — *Alumni Register*
Degrees Awarded
Annual Reports — *Report of the President and the Chancellor*
Report of the Treasurer
Athletics — *Freshman Handbook*
MIT Campus — *A Walk around MIT*
Class Schedules — *Class Schedules and Typical Course Schedules*
Committee on Academic Performance — *Guide for Undergraduates and Faculty Counselors*
Co-op (Cooperatives with industry) — *Courses and Degree Programs*
UROP Directory
Rules and Regulations of the Faculty
Counseling — *Freshman Handbook*
Counselors, Faculty — *Guide for Undergraduates and Faculty Counselors*
Freshman Handbook
Courses, Choosing — *Course Evaluation Guide*
Courses and Degree Programs
Freshman Handbook
Courses, Graduate — *Courses and Degree Programs*
Graduate School Manual
Cross Registration, Harvard — *Courses and Degree Programs*
Guide for Undergraduates and Faculty Counselors
Cross Registration, Wellesley — *Wellesley-MIT Exchange Guide*
Freshman Handbook
Guide for Undergraduates and Faculty Counselors
Class Schedules and Typical Course Schedules
Degrees Awarded — *Degrees Awarded*
Degrees, Double — *Guide for Undergraduates and Faculty Counselors*
Courses and Degree Programs
Freshman Handbook
Degrees, Requirements — *Courses and Degree Programs*
Freshman Handbook
Degrees, Simultaneous SB & SM — *Courses and Degree Programs*
Departments, Activities of — *General Catalog Issue*
Report of the President and the Chancellor
Departments, Requirements — *Courses and Degree Programs*
Directories — *Institute Telephone Directory*
Student Directory
Directory of Foreign Students
Directory of Foreign Staff
Alumni Register
Domestic Year Away — *Freshman Handbook*
Guide for Undergraduates and Faculty Counselors
Report of the President and the Chancellor
Employee Benefits — *You and MIT*
Benefit Programs for Faculty and Staff
Childrens Scholarship Plan
Employment, Finding — *Placement Manual*
Events, Calendar of — *Tech Talk*

Extracurricular Activities — *Freshman Handbook*
Faculty, Listings of — *Courses and Degree Programs*
Rules and Regulations of the Faculty
Finances, Institute — *Report of the Treasurer*
Finals, Regulations concerning — *Rules and Regulations of the Faculty*
Guide for Undergraduates and Faculty Counselors
Foreign Study — *Guide for Undergraduates and Faculty Counselors*
Report of the President and the Chancellor
Grading Policies — *Freshman Handbook*
Guide for Undergraduates and Faculty Counselors
Rules and Regulations of the Faculty
Graduate School — *Graduate School Manual*
Handicapped — *Guide for the Handicapped*
MIT Tactual Map
Housing — *see* Residence
Independent Activities Period — *Guide to IAP Activities*
Insurance, Medical — *Major Medical Insurance Benfits Program for Faculty and Staff*
Interdepartmental Activities — *General Catalog Issue*
Report of the President and the Chancellor
Interdisciplinary Study — *Courses and Degree Programs Issue*
Lab Supplies and Equipment — *Catalog of Laboratory Supplies*
Electronic Stockroom Catalog
Libraries — *Guide to the MIT Libraries*
Pictures, Freshman — *Freshman Picturebook*
Preprofessional Advising — *Guide for Undergraduates and Faculty Counselors*
Purchasing, Institute — *Purchasing Policy and Procedures*
Petty Cash Policy
Registration — *Freshman Handbook*
Class Schedules and Typical Course Schedules
Guide for Undergraduates and Faculty Counselors
Registration, Changing — *Courses and Degree Programs*
Freshman Handbook
Requirements, General Institute — *Courses and Degree Programs*
Guide for Undergraduates and Faculty Counselors
Requirements, Graduate — *Graduate School Manual*
Courses and Degree Programs
Research Proposals — *Guide for the Preparation and Submission of Research Proposals*
Research, Undergraduate — *Undergraduate Research Opportunities Program Director*
Guide for Undergraduates and Faculty Counselors
R/O Week — *Freshman Handbook*
Residence, Graduate — *Graduate Residence*
Residence, Undergraduate — *Freshman Handbook*
Undergraduate Residence at MIT
Safety — *Accident Prevention Guide*
Seminars, Undergraduate — *Undergraduate Seminar Program*
Freshman Handbook

Sex — *Sex*
Staff Benefits — *see* Employee Benfits
Supplies, Office — *Catalog of Office Supplies and Furniture*
Summer School — *Summer Session Catalogue*
Guide for Undergraduates and Faculty Counselors
Telephone Directory — *Institute Telephone Directory*
Student Directory
Directory of Foreign Students
Theses, Graduate — *Graduate School Manual*
Rules and Regulations of the Faculty
Courses and Degree Programs
Theses, Undergraduate — *Guide for Undergraduates and Faculty Counselors*
Rules and Regulations of the Faculty
Transcript — *Freshman Handbook*
Transfering Credit — *Guide for Undergraduates and Faculty Counselors*
Transfering Out — *Freshman Handbook*
Travel Expenses — *Travel Expense Policies*
UROP — *see* Research, Undergraduate
Warning, Academic — *Guide for Undergraduates and Faculty Counselors*
Wellesley-MIT Exchange — *Wellesley-MIT Exchange Guide for MIT Students*
Year-Away Programs — *Guide for Undergraduates and Faculty Counselors*

Index

Abortion, 5
Academic societies, 121
Address change, 207
Advanced Standing, 10
Airlines, 186
Aliens, 122
AMITA, 131
AM Radio, 115
APO, 129
Appalachian Mountain Club, 39
Apartments, 56
Appliances, 81
Aquarium, 32
Arnold Arboretum, 33
Arrest, 191
ASA, 130
Ashdown House, 57
Athletic cards, 103
Athletic personnel, 103
Audio-Visual, 136
Audoban Society, 45
Automobiles, 187
Back Bay, 30
Bad weather, 180
Bakeries, 91
Banks, 161
Barnes and Noble, 82
Bars, 43
Beaches, 45
Beer, 92
Berklee College of Music, 39
Bicycles, 50, 176
Birth control, 6
Blood, 152
Blood drives, 207
Books, 81
Boston Arts Line, 29
Boston Ballet, 38
Boston Center for the Arts, 34
Boston Common, 30
Boston (Map), 170
Boston Marathon, 113
Boston Phoenix, 29
Boston Pops, 37
BPL, 145
Boston Symphony Orchestra, 35
Bowling, 107
Bruins, 113
BSU, 132
Building supplies, 84
The Bus, 88
Buses, 184
Buttons, campaign, 84
Calculators, 85
Cameras, 98
Canoeing, 46
Car insurance, 182
Car maintenance, 182
Career Planning Office, 159
Carpools, 184
Celtics, 113
Centrex phones, 135
Charles Playhouse, 34
Changing departments, 8
Chapel, 146
Cheese, 89, 90
Chess supplies, 86
Children's Museum, 33
Christian Science Center, 31
City Hall (Boston), 30
Class Day, 110
Clothing, 85
Club sports, 108
Coffeehouses, 41
Colleges, 220
Colonial Theater, 137
Common law, 188
Conflicting finals, 28
Committee on Curricula, 7
Committee on Discipline, 7
Committee on Educational Policy, 7
Committee on Graduate School Policy, 7
Commons, 57
Community leagues, 107
Computers, 146
Cooking, 58
Coop, The, 79, 85
Co-op 13
Cooperatives, 89
Course problems, 18
Course XXV, 22
Crane's Beach, 45
Credit union, 207
Old Custom House, 30
Cutlery, 86
Dairies, 92
Dance, 122
Day Care, 121
Dean for Student Affairs, 1
Degrees, double, 21
Degrees, unspecified, 22
Dental clinics, 152
Department complaints, 19
Department stores, 80
Depledging, 54
Jane Dixon, 20
Discipline Committee, 188
Discos, 44
Domestic Year Away, 15
Dormitories, 49
Dormlines, 135
Drugs, 152
Drug counseling, 4
Drug stores, 86
duPont, 105
Eastgate, 57
Education counseling, 26
Electronics, 87
Employee benefits, 208
Endicott House, 147
Esplanade, 30
Exams, before finals, 12
Fabrics, 87
Faculty Club, 147
Failure, 19
False alarms, 191
Filene's, 80, 85
Financial aid, 155
Financial statements, 155
Fish, 91
Flags, 88
Florists, 88
FM Radio, 116
Folk, 40
Foreign citizens, 22
Foreign drivers, 183
Foreign food, 90
Foreign study, 19
Framing, 93
Fraternities, 51
Freedom Trail, 30
Freshman seminars, 19
Freshman troubles, 18
Furniture, 94
GAMIT, 125
The Garage, 80
Gardner museum, 82
Golf, 47
Government Center, 30
Graduate school, 23
Graduation, 22
Graphic arts, 147
Groceries, 88
GSC, 134
Guns, 191
Haircutters, 94
Handel and Hayden Society, 98
John Hancock Building, 31
Handicapped 124
Hardware, 95
Harvard, 14, 221
Harvard Library, 145
Harvard (Map), 221
Harvard museums, 33
Harvard registration, 13
Harvard Square, 30
Haymarket, 89
Hayden Gallery, 34
Health Plan, 150
Hiking, 46
Hobbies, 125
Hobby Shop, 148
Homosexuals, 145
Hospitals, 153
Housing Office, 56
Humidity, 49
IAP, credit for, 10
Ice cream, 78
IDs, 208
IFC, 130
Immigration, 124
Incompletes, 11
Institute law, 188
International Students' Office, 2
Institute of Contemporary Art, 32
Intramurals, 109
Intramural Council, 104
Jazz, 41

Joey's, 78
Joint thesis, 22
Jordan Marsh, 80, 85
Junior Year Abroad, 15
Kenmore Square, 30
Kosher foods, 91
Kosher Kitchen, 58
Lab Supplies, 148
Language Lab, 148
Late night shopping, 96
Legal Aid, 191
Lexicon, 194
Liability for damages, 51
Libraries, 143
Life insurance, 167
Liquors, 92
Listening, 10
Loans, 156
Locked out, 50
Lost and found, 208
LSC, 147
Lulu Whites, 41
Machine shop, 148
Maps, 172
Marriage, 209
MBTA, 172
MBTA maps, 174, 178
MDC, 44
Medical insaurance, 133
Medical services, 150
Metallurgy Shop, 148
Metropolitan Opera, 37
Midnight Movie Series, 136
Missing persons, 209
MITAA, 104
MIT Community Players, 35
MIT Choral Society, 38
MIT Dramashop, 35
MIT History, 227
MIT media, 119
MIT music, 39
MIT Publications, 230
MIT Boat house, 106
MIT Pistol Range, 105
Museum of Fine Arts, 31
Museum of Science, 32
Music stores, 97
Nantasket Beach, 45
Nauset Beach, 45
New England Conservatory, 39
New England Telephone, 135
Newspapers, 119
Nightline, 4
Nomcom, 130
Notaries Public, 209
NRSA, 57
Observatory, 149
Opera Company of Boston, 37
Organic foods, 91
Outing supplies, 97
"Outside" calls, 137
Painting, 49
Parking, 180
Pass-Fail, 11,19
Patents, 192
Patriots, 113
Pediatric services, 121
Permanent jobs, 158
Pets, 50, 98
Photo equipment, 98
Physical education, 11
Physical Plant, 49
Pizza, 76
Plants, 99
Pool, 106
Postdoctoral fellows, 209
Practice rooms, 149
Pregnancy, 6
Prejudice, 210
Pre-law, 26
Pre-med, 26
Preprofessional advising, 159
Privacy, 189
Projects, 16
Prudential, 30
Psychiatrists, 4
Public Gardens, 30
Publications, 104
Quincy Market, 80
Racing, 114
Radio, 115
Railroads, 184
The Real Paper, 29
Records,99
Recommendations, 23
Recycling, 210
Rex Sox, 113
Reduced loads, 17
Refrigerators, 50
Registration, 8
Registration (bicycles), 186
Registering (car), 183
Religious counselors, 5
Religious groups, 126
Rental cars, 184, 185
Requirements, 21
Rolling Stone, 29
Residence Programs-DSA, 3
Rock, 40
Rockwell Cage, 105
Roller rinks, 107
Restaurants, 59-78
Restaurants, descriptions, 62
Restaurants, index, 59
Rush violations, 54
Student Center Committee, 129-130
Schedule problems, 9
Schubert Theater, 34
Sears Roebuck, 80
Service organizations, 129
Shakespeare Ensemble, 35
Shoes, 99
Sierra Club, 46
Sightseeing tours, 31
SIPB, 130
Skating, 107
Social workers, 6
Songs, 212
Special events, 210
Special projects, 16
Special students, 17
Spectator sports, 113
Squash courts, 105
Stamps and coins, 101
Stereo Equipment, 101
Steve's, 78
Streets, 169
Student Activities-DSA, 3
Student Art Association, 149
Student Assistance Services, 2
Student Center, 149
Student House, 54
Student law, 55
Summer, 216
Summer jobs, 158
Summer residence, 58
Summer session, 17
Talbot House, 150
Tang Hall, 57
Taxis, 176
TCA, 29, 133
Tea Men, 113
Technology Wives Organization, 131
Telephones 50
Television, 118
Tennis courts, 105
Term-time jobs, 157
Textbooks, 81
Theatre Charge, 34
The Tech, 120
Theft, 192
Theses, 23
Traffic, 181
Trailside Museum, 133
Trainers, 135
Transcripts, 11
Transfering credit, 10
Travel agencies, 187
24-Hour Coffeehouse, 43
Typewriters, 150
Undergraduate Association, 130
Undergraduate Academic Support Office, 2
Undesignated Sophomores, 17
UROP, 9, 16
Valuables, 50
Varsity Club, 104
Varsity sports, 110
Venereal disease, 6
Voting, 193
Walden Pond, 46
Walking, 172
Warnings, 19-20
Waterbeds, 50
Wellesley, 15, 223
Wellesley, library, 145
Wellesley (map), 224
Wellesley, registration, 15
Westgate, 57
Where's Boston, 37

Wilbur Theater, 34
Wild animals, 50
Wine, 92
Withdrawal, 20
Withdrawal, voluntary, 20
Wives Group, 131
Women at MIT, 130
Women's Athletic Council, 104, 132
Women's League, 132
WMBR, 120
Xeroxing, 86
Zoos, 33

Arglo Electrical Supply Co.	94
Army ROTC	27
Air Force ROTC	24
Baker Shoes	100
Bicycle Workshop	177
James F. Brine, Inc.	98
Cambridge Savings Bank	160
Charlie the Tech Tailor	99
Joyce Chen	69
Coolidge Bank and Trust Co.	167
The Coop	83
Deja Vu Records	97
Dickson Bros.	75
M. Finn Insurance	182
Freedom Federal Savings	161
Gnomon Copy	87
Graduate Student Council	134
Graphic Arts Center	86
Harvard Trust	168
Kaplan Education Center	25
Navy ROTC	14
MIT Auto Repair	180
W. T. Phelan & Co.	181
Shawmut County Bank	166
Swiss Alps	75
Technology Community Association	133
The Tinco	71
B. & D. Wallpaper Co.	95

Murphy's Laws

1) If anything can go wrong, it invariably will.
2) Left to themselves, things always go from bad to worse.
3) Nature always sides with the hidden flaw.
4) Whatever you set out to do, something else must be done first.
5) If you improve or tinker with something long enough, it will eventually break.
6) Nothing is ever as simple as it first seems.
7) If there is a possibility of several things going wrong, the one that will go wrong is the one that will cause the most damage.
8) Every activity takes more time than you have.
9) Everything you decide to do costs more than first estimated.
10) By making something absolutely clear, somebody will be confused.
11) You can fool some of the people all the time, and all of the people some of the time, and that's sufficient.
12) If everything seems to be going well, you have obviously overlooked something.

Sometimes I wonder if I'm in my right senses. Then it passes off and I'm as intelligent as ever.

— Samuel Beckett

Universities are centers of knowledge. Freshmen bring a little in, seniors take none away; therefore it accumulates.

— Anonymous

Originality is the art of concealing your sources.

— Franklin P. Jones

Tech Cheers

E to the X du dx, E to the X dx!
Cosine! Tangent! Secant! 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
TECHNOLOGY! TECHNOLOGY! TECHNOLOGY!
TEAM! TEAM! TEAM!

$$1n\left[\lim_{z\to\infty}\left(1+\frac{1}{Z}\right)^{z}\right]+(\sin^2x+\cos^2x)=\sum_{n=0}^{\infty}\frac{\cosh y\sqrt{1-\tanh^2y}}{2^n}$$

HoToGAMIT 11 Feedback Sheet

WE NEED YOUR SUGGESTIONS

1. What have you found incorrect or misleading? (please give page number)
2. What seems unnecessary? What should be added?
3. What other comments do you have?

Fold 1

Fold 2

☐ I want to talk to the editor or write an article on a particular subject
☐ I am interested in working on next year's edition.

NAME _____

CLASS _____ PHONE _____

e.g., '83, professor, secretary, grad student

ADDRESS _____

_____

_____

Please use staples, do not tape.

How To Get Around MIT
Technology Community Association
Room W20-450
Massachusetts Institute of Technology
Cambridge MA 02139